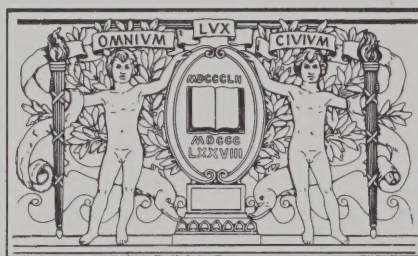


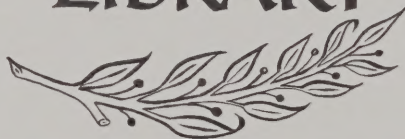
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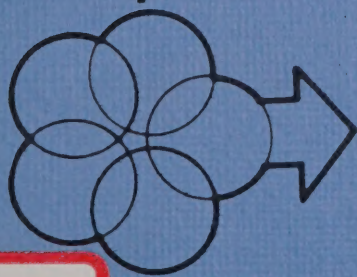


METRO WAYS TO UNDERSTANDING

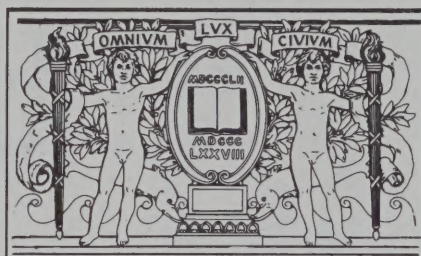
A PLAN FOR THE VOLUNTARY ELIMINATION OF
RACIAL AND ETHNIC ISOLATION IN THE SCHOOLS
OF THE BOSTON METROPOLITAN AREA

VOLUME III COMMUNITY PROFILES

TOWN OF
MILTON



THE METROPOLITAN PLANNING PROJECT



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METRO WAYS TO UNDERSTANDING:

A Plan for the Voluntary Elimination of
Racial and Ethnic Isolation in the Schools of
The Boston Metropolitan Area

VOLUME III THE COMMUNITY PROFILES

Community Profile # 189
Town of Milton

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1973-74

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1973-74

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ABSTRACT

The Metropolitan Planning Project is a collaborative effort of 17 school districts supported by an additional 39 approving school districts within the Boston Metropolitan Area. Its mandate is to develop a Ten Year Plan for the phased elimination of racial and ethnic isolation in the area's schools through voluntary school district collaboration. The Project is funded by the U.S. Office of Education under the Emergency School Aid Act of 1972.

METROWAYS TO UNDERSTANDING: A Plan for the Voluntary Elimination of Racial and Ethnic Isolation in the Schools of the Boston Metropolitan Area is a phased Ten Year Plan which is a result of the process that the Metropolitan Planning Project has undergone during this year of planning. The Project has worked to achieve effective community participation in an effort to design quality learning environment programs for students. As a result of a city and suburban exchange of ideas, the Metropolitan Planning Project has helped to promote the development of over 78 proposals in 32 cities and towns for the design of new innovative learning environments. With a \$300,000 allocation for pilot programming, 14 pilot projects were funded to test MPP objectives. The projects included students from pre-kindergarten through high school age. The focus ranged from American history, art, ecology, energy, comparative life styles to Afro-American, Hispanic, Native-American, and Chinese-American cultures.

The Project has also compiled extensive data on the educational, demographic, housing, fiscal, socio-economic, land use and ethnic and racial characteristics of the 78 towns and cities in the greater Boston standard metropolitan statistical area (SMSA). This information was developed as a needs analysis and resource inventory and has been utilized in the development of the recommended educational programs. It provides the basis for program implementation. The Ten Year Plan METROWAYS TO UNDERSTANDING is aimed at promoting voluntary collaboration between urban and suburban school districts and includes the involvement of students, parents, teachers, school principals, superintendents, community organizations and others concerned with education.

During the 1974-75 school year, the Metropolitan Planning Project will pilot some of the policy recommendations developed through this participatory planning process. These recommendations include:

METROPATHWAYS - Quality innovative educational programs which will be accessible to secondary school students of different socio-economic, racial, and ethnic background within the metropolitan area by utilizing mass transit routes.

METROPAIRWAYS - Parents and school personnel from pairs or triads of city and suburban districts will meet to formulate educational programs of equal benefit to the students. Learning centers will be developed in two or three schools and each will serve as a supplement to the educational quality of each individual school.

METROETHNIC HERITAGE RESOURCE CENTERS - These will be coordinated within METROCENTER and will promote the study, compilation, production and distribution of materials and information related to minorities and ethnic groups of the SMSA. It will also be an action program for the development of other resource centers in the metropolitan area.

METROCENTER FOR COMMUNICATIONS, COUNSELLING, AND RESOURCE DEVELOPMENT - This center will coordinate the metropolitan educational programs and serve as an information and resource "bank" for students, parents, community groups and educators throughout the metropolitan area who wish to be involved in urban-suburban educational programs and staff development programs aimed at eliminating racial and ethnic isolation of students.

ACKNOWLEDGEMENT

I wish to thank Dr. Forbes Bottomly for his encouragement and support of this research approach; Edward Feinman and Leslie S. May who, together with the Support Research Staff and myself, developed the analyses in Volume II RESOURCES FOR IMPLEMENTATION and Volume III COMMUNITY PROFILES. Our grateful appreciation to Mrs. Helen Taggart who formatted and typed the research materials.

Marcia Marker Feld,
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Dr Forbes Bottomly

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INTRODUCTION TO THE NOTES AND SOURCES FOR THE COMMUNITY PROFILES

The Community Profiles were developed for the 78 municipalities that comprise the study area of the Metropolitan Planning Project (MPP). The study area is defined as the 1963 Boston standard metropolitan statistical area (SMSA) boundaries. The Profiles were prepared to meet the mandate of Objective B of the Support Research component of the MPP proposal. This mandate is:

To develop profiles and analysis of social, ethnic, economic, and educational characteristics of the metropolitan area and of its individual communities.

The purpose of these profiles are to serve as the data base for the Ten Year Plan and to develop information for the implementation of educational programs through the analyses of the interaction between the education system and related urban functional systems.

A Community Profile was developed for each of the following cities and towns:

Arlington	Lexington	Randolph
Ashland	Lincoln	Reading
	Lynn	Revere
Bedford	Lynnfield	Rockland
Belmont		
Beverly	Malden	Salem
Boston	Manchester	Saugus
Braintree	Marblehead	Scituate
Brookline	Marshfield	Sharon
Burlington		Sherborn
	Medfield	Somerville
Cambridge	Medford	Stoneham
Canton	Melrose	Sudbury
Chelsea	Middleton	Swampscott
Cohasset	Millis	
Concord	Milton	Topsfield
Danvers	Nahant	Wakefield
Dedham	Natick	Walpole
Dover	Needham	Waltham
Duxbury	Newton	Watertown
	Norfolk	Wayland
Everett	North Reading	Wellesley
	Norwell	Wenham
Framingham	Norwood	Weston
		Westwood
Hamilton	Peabody	Weymouth
Hanover	Pembroke	Wilmington
Hingham		Winchester
Holbrook	Quincy	Winthrop
Hull		Woburn

There are also Profiles for each of the following regional school districts:

Dover-Sherborn
Experimental School System of the Commonwealth of Massachusetts
Hamilton-Wenham
Lincoln-Sudbury
North Shore Regional Vocational

The information in the Community Profiles assess the needs and resources of each community. It is helpful in planning for the future of each school system as well as in the development of educational curricula and programs. These will utilize school and community based resources for metropolitan educational programs for the elimination of racial and ethnic student isolation in the school districts of the SMSA. More detailed analyses of each of these communities, including a series of tables comparing these school districts and an "Analyses of Grouped Communities", are found in earlier Volumes.

These notes were prepared so that persons interested in obtaining further detailed information or in updating present data can easily do so. The source of the information and where it is located is given for each table. Non-classified government information is available by public law to all persons. This includes individual public school records as well as municipal, county, state, and federal data.

There are two sections of the Community Profiles. The first section, Community Profiles, displays educational and educational-related information about the community. The second section, Individual School Profiles, displays educational information about each individual school in the district. The page number at the beginning of a table corresponds to the page number of the Community Profile. Each Individual School Profile is 2 pages and notes for the tables are consistent with this format.

NOTES AND SOURCES FOR THE COMMUNITY PROFILES

EDUCATIONAL CHARACTERISTICS

PAGE 1 - NUMBER OF SCHOOLS AND ENROLLMENT By Type of School: 1973-74

The information on the total number of schools in a school district, as well as the number of Elementary, Junior High, High Schools, Special and Ungraded, Regional, and Vocational Schools in a district, were obtained from the Massachusetts State Department of Education, Bureau of Educational Information Services, Massachusetts School Directory 1973-74. This publication lists the name, address, and grade organization of each school in the Commonwealth. It notes which schools are Special, Ungraded, Regional, or Vocational. Elementary Schools are those schools composed of one or all the grades K through 5 or grades K through 6. Junior High Schools are those schools composed of one or all the grades 6 through 8; schools with grades 5-6, 5-7, 5-8, and 7-9 are counted as Junior High Schools. High Schools are those schools composed of one or all of the grades 9 through 12.

The "Total", "White", and "Non-white" enrollments for each type of school were obtained from a survey conducted by the Massachusetts State Department of Education, Division of Research, Planning, and Evaluation, Enrollment by Classification, Exhibit II, 1973-74. The enrollments for all Elementary Schools, Junior High Schools, High Schools, Special and Ungraded Schools, Regional Schools, and Vocational Schools in a school district which is recorded in this table were totalled by the Metropolitan Planning Project (MPP) support research staff.

PAGE 1 - SCHOOL ATTENDING CHILDREN IN PUBLIC and Non-public Schools

This information was obtained from the Commonwealth of Massachusetts, Annual Report of the State Department of Education for the Year Ending June 30, 1968; Annual Report ... June 30, 1971; and Annual Report ... June 30, 1973. The percentage of "Public" and "Non-public" school attending children were calculated by the MPP support research staff.

PAGE 1 - EDUCATIONAL COLLABORATIVE PARTICIPATION 1973-74

The educational collaboratives listed in this table were found in the following sources:

The Massachusetts State Department of Education, Bureau of Educational Information Services, Massachusetts School Directory, 1973-74;
Institute for Educational Services, Inc., "Survey on Collaboration", 1971;
Metropolitan Planning Project Support Research Component Telephone Survey, 1974;
Massachusetts State Department of Education, Division of Curriculum and Instruction, Kaleidescope 7, 1973,

Other educational collaboratives in the Boston metropolitan area were not available from these sources.

PAGE 1 - 1970 CENSUS: SCHOOL ENROLLMENT FOR
Level and Type of School by Race
(Population 3 - 34 years)

This information was obtained from the United States Department of Commerce, Bureau of the Census, 1970 Census of Population and Housing. U.S. Census information is available in published monographs, which are available at libraries and governmental agencies, and on computer tapes. The data on computer tape is organized into sequences and each sequence is referred to as a "count". Within each "count", the data is subdivided into tables, and each table has been given a number and title. The information in this table was obtained from the 4th Count Population Summary Tapes for Massachusetts, Table 38, "Population 3 Years Old and Over Enrolled in School by Level and Type of School." This information was based on a 15 percent sample survey. The percentages may not add up to 100 percent because of rounding. An N.A. indicates that this information was not available for the school district. The "Spanish-American" category includes people who are both "White" and "Black" according to the Census definition so that the total of the "White", "Black" and "Spanish-American" columns will never equal the "Total" population column.

PAGE 1 - FEDERALLY-FUNDED PROGRAMS: 1973-74

The information on Title I students in each school district was obtained from the Massachusetts State Department of Education, Division of Curriculum and Instruction, Bureau of Curriculum Services, Title I ESEA, "Unpublished Title I Program Documents, 1973-74". The Title III information was obtained from the Massachusetts State Department of Education, Division of Curriculum and Instruction, Bureau of Curriculum Services, Title III ESEA, Kaleidescope 7, 1973 and the Metropolitan Planning Project support research staff telephone survey of Title III Program Directors, July-August, 1974. The percent total enrollment was calculated by dividing the number of students in Title I and III programs by the total number of students in the district during the 1973-74 school year. The total number of students was obtained from the Massachusetts

State Department of Education, Division of Research, Planning, and Evaluation, Enrollment by Classification, Exhibit II, 1973-74. This is the same total that appears in the "Student Ethnic Census: 1973-74" table on page 2.

The Title I and Title III programs are funded by the U.S. Office of Education and were enacted by the U.S. Congress as part of the 1965 Elementary and Secondary Education Act (ESEA). The Title I program provides assistance for "educationally deprived and neglected and delinquent children." The Title III program "supports proposals to advance creativity in education."

PAGE 2 - RACIAL CENSUS: 1967-68; 1970-71; 1972-73

The information on the "Total", "White", and "Non-white" enrollments for these three school years was obtained from the Massachusetts State Department of Education, Division of Research, Planning, and Evaluation, Racial Census, October, 1967; Racial Census, October, 1970; and Racial Census, October, 1972. The Racial Census does not indicate which students were considered "White" and which were considered "Non-white".

PAGE 2 - RACIAL CENSUS: ENROLLMENT CHANGE 1967-1972

These figures were calculated from the previous table by the MPP support research staff. The figures under the number sign (#) column were calculated by subtracting from the "Total", "White" or "Non-white" enrollment for the 1972-73 school year the "Total", "White" or "Non-white" enrollment for the 1967-68 school year. For example, if the 1972-73 total enrollment was 100 students and the 1967-68 enrollment was 50 students, the enrollment change would be +50(100-50) and this figure would appear in the appropriate box. The figures under the percent (%) column were derived by dividing the difference between the 1972-73 and 1967-68 enrollment by the 1967-68 enrollment. If the difference, for example, between the 1972-73 and 1967-68 enrollments was +50 and the 1967-68 enrollment was 50, the percent change would be +100 (+50/50). The figures under the "% Change in Proportional Distribution" column were calculated as follows:

The "% White" (or "% Non-white") for 1972-73 was subtracted from the "% White" (or "% Non-white") for 1967-68.

This difference was divided by the "% White"(or "% Non-white") for 1967-68 and this is the figure that was recorded. For example, if the "% White" in 1967-68 was 75% and the "% White" in 1972-73 was 50%, the "% Change in Proportional Distribution" would be calculated as follows:
$$(50-75)/75 = (-25)/75 = -0.33.$$

Since the percent "Total Enrollment" is always 100%, no "% Change in Proportional Distribution" was calculated or recorded for "Total Enrollment". If there is a percent change from 0 to any number the "% Change in Proportional Distribution" is mathematically undefined. This is noted by the word "Undefined".

PAGE 2 - STUDENT ETHNIC CENSUS: 1973-74

This information was obtained from the Massachusetts State Department of Education, Division of Research, Planning, and Evaluation, Enrollment by Classification, Exhibit II, 1973-74. The figures in the "White" column include white students and students of racial backgrounds other than "Black", "Native-American", "Asian-American", and "Spanish Surname". "Spanish Surname" students were placed in the "Non-white" category.

PAGE 2 - FOLLOW-UP OF HIGH SCHOOL GRADUATES: 1968; 1972

The information on the post high school placement of 1968 graduates was obtained from the Massachusetts State Department of Education, Division of Research, Planning, and Evaluation, Distribution of Graduating Class, 1969. The number of students in each of the various placement categories may not equal the total number of high school graduates because information on all placements was not available. Some of the school districts are members of regional high schools so that information on their high school students would be included in the regional high school data. There is, therefore, no information recorded for the following school districts (the name of the regional high school their students attend is in parentheses):

- Concord (Concord-Carlisle Regional High School)
- Dover (Dover-Sherborn Regional High School)
- Hamilton (Hamilton-Wenham Regional High School)
- Lincoln (Lincoln-Sudbury Regional High School)
- Middleton (Masconomet Regional High School)
- Nahant (all Nahant high school students attend high schools in Lynn)
- Norfolk (King Philip Regional High School)
- Sherborn (Dover-Sherborn Regional High School)
- Sudbury (Lincoln-Sudbury Regional High School)
- Topsfield (Masconomet Regional High School)
- Wenham (Hamilton-Wenham Regional High School)

If there was no information available on high school graduates in a particular district, this is noted by an N.A. in the first column (under the # sign). The information on the 1972 graduates was obtained from the Massachusetts State Department of Education, Division of Research, Planning, and Evaluation, Distribution of High School Graduates, Class of 1972, Fall 1973. The districts which sent their high school students to regional schools in 1968 remained the same and, therefore, no information on 1972 high school graduates for these districts is recorded. In addition to these districts, there will be no information for Pembroke since their high school students now attend Silver Lake Regional High School. The percentages in the 1972 column may not add up to 100% because of rounding.

PAGE 2 - ELIGIBLE TRANSITIONAL BILINGUAL STUDENTS: 1973-74

The number of students eligible for a transitional bilingual program was obtained from the Massachusetts State Department of Education, Bureau of Transitional Bilingual Education, Census of Children of Limited English Speaking Ability on October 1, 1973, under Chapter 71A, Act of 1971. This Census of all public school students is conducted each year in order to determine how many students are of limited English speaking ability as defined in Chapter 71A and, thus, eligible for transitional bilingual classes. The "Percent of Bilingual Enrollment" was calculated by the MPP support research staff by dividing the number of students in each language category, such as "Chinese" or "French" by the "Total" number of eligible bilingual students.

PAGE 3 - PUBLIC SCHOOL STUDENT ENROLLMENTS: 1964 - 1982

Past Enrollments: 1964 - 1972

Projected Enrollments: 1973 - 1982

This information was prepared for the Metropolitan Planning Project by the Organization for Social and Technical Innovation, Inc. (OSTI).

These enrollment projections are based on time-series enrollment data from 1964 through 1972, obtained from the Massachusetts State Department of Education, Division of Research, Planning and Evaluation. The source of the historical enrollment data for the forecast categories "Total K-12", "Total K-6", "Total 7-12", "White K-12" and "Non-white K-12" was the superintendent's report entitled Census Report.

The numbers in parentheses under each forecast category represents the R^2 (coefficient of determination) for that particular projected enrollment series. It is presented to indicate a rough sense of the reliability of each forecast -- R^2 's of .8 or .9 are very reliable, R^2 's of .5, .6, or .7 are good, and R^2 's of .4 or less are unreliable. When the projections for subcategories (for example, "White K-12" and "Non-white K-12" are subcategories of "Total K-12") are totaled, they do not necessarily equal the projected enrollment figures for the total category. This is because each forecast category was projected independently from the others and the projections selected are not necessarily each derived from the same mathematical equation, since the best projection was selected for each forecast category largely independent of the projections selected for other forecast categories.

School districts with no projections presented or particular forecast categories left blank means the projection here was entirely unsuccessful, sometimes for mathematical reasons, sometimes because of missing years of historical data, and sometimes because of almost certain incorrect historical enrollment data.

PAGE 4 - NUMBER OF TEACHERS BY RACE: 1972-73

This information was obtained from the U.S. Department of Health, Education, and Welfare, Office for Civil Rights, Directory of Public Elementary and Secondary

Schools in Selected Districts, Enrollment and Staff by Racial/Ethnic Group, Fall, 1974. Since this information was collected from selected school districts, data was only available for 68 of the 83 Boston metropolitan area districts. MPP support research staff contacted the remaining districts to complete the survey. The following school districts provided this information:

Cohasset
Dover
Dover-Sherborn Regional High School
Experimental School System of the Commonwealth of Massachusetts
Hamilton-Wenham Regional High School
Holbrook
Manchester
Nahant
Topsfield
Wenham

An N.A. indicates that this information was not available for the school district. Spanish Surname teachers were placed in the "Non-white" category.

PAGE 4 - NUMBER OF TEACHERS, TEACHER-AIDES, AND OTHER PROFESSIONAL STAFF: 1973-74

This information was obtained from the U.S. Equal Employment Opportunity Commission, Elementary-Secondary Staff Information (EEO-5), October 1, 1973. Since this information was collected on a selected school district basis, the MPP support research staff surveyed the remaining districts to obtain this information. The following school districts provided this information:

Ashland
Beverly
Braintree
Cohasset
Experimental School System of the Commonwealth of Massachusetts
Framingham
Hamilton-Wenham Regional High School
Manchester
Medfield
Medford
Middleton
Millis
Nahant
Norfolk
Pembroke
Saugus
Sherborn
Sudbury
Topsfield
Walpole

The "Other Professional Staff" category include the following staff positions: Officials, Administrators, Managers, Principals, Assistant Principals, Guidance Personnel, Psychologists, Librarians, Supervisors of Instruction, and all other professional staff. An N.A. indicates that this information was not available for the school district.

PAGE 5 - SELECTED FINANCIAL CHARACTERISTICS

The information on "% Municipal Tax Dollar Spent on Education" was obtained from the Commonwealth of Massachusetts, Annual Report of the Department of Education for the Year Ending June 30, 1968; Annual Report ... June 30, 1971; Annual Report ... June 30, 1973.

The "% Municipal Tax Dollar Spent on Education" was calculated by the MPP support research staff by dividing the school tax rate by the general tax rate. For example, if the school tax rate in a town was \$24 and the total tax rate was \$48, the "% Municipal Tax Dollar Spent on Education" would be 50% (24/48).

The information on "Comprehensive Per Pupil Expenditure" was obtained from the Massachusetts State Department of Education, Division of Research, Planning, and Evaluation, Per Pupil Expenditures 1967-68; Per Pupil ... 1970-71; Per Pupil ... 1972-73. This per pupil expenditure is the integrated per pupil cost for the Regular Day, Vocational Day, and Special Education Programs and pro-rated Regional School Expenditures divided by the average membership of students in those programs.

The information on "Public School Attending Children Transported at Public Expense" was obtained from the Commonwealth of Massachusetts, Annual Report of the Department of Education for the Year Ending June 30, 1968; Annual Report ... June 30, 1971; Annual Report ... June 30, 1973. Discrepancies may appear in this table because the data received was unaudited.

The information on "Computative Equalized Property Valuation per School Attending Child" was obtained from the Massachusetts State Department of Education, Division of Research, Planning, and Evaluation, School Aid to Massachusetts Cities and Towns, (Chapter 70 Amended), 1967-68; School Aid ... 1970-71; School Aid ... 1972-73. Computative equalized property valuation for any one year is equal to the equalized property valuation the previous calendar year divided by the number of school attending children for that school year. For example, the computative equalized valuation for 1967-68 is derived by dividing the equalized property valuation for 1966 by the number of school attending children for 1967-68.

PAGE 5 - TAX RATE

This information was obtained from the Massachusetts Teachers Association, Background Data for Massachusetts School Districts 1973, Research Bulletin 734-9, 1973. The official tax rate is equal to a city or town's budget needs divided by the assessed value (tax rate=budget needs/assessed value). The equalized

tax rate is equal to the town's budget needs divided by the true market value of property in a city or town, as determined by the Massachusetts Department of Corporations and Taxation (equalized tax rate=budget needs/full market value). The tax rate indicates the number of dollars per \$1,000 of assessed valuation a person or corporation would be taxed on property owned.

PAGE 5 - SCHOOL TAX RATE

This information was obtained from the Massachusetts Teachers Association, Background Data for Massachusetts School Districts 1973, Research Bulletin 734-9, 1973. The official school tax rate is equal to a city or town's school budget needs divided by the assessed value (school tax rate=school budget needs/assessed value). The equalized school tax rate is equal to the town's school budget needs divided by the true market value of property in a city or town, as determined by the Massachusetts Department of Corporations and Taxation (equalized school tax rate=school budget needs/full market value). The school tax rate indicates the number of dollars per \$1,000 of assessed valuation a person or corporation would be taxed on property owned.

PAGE 5 - 1973 MOODY'S BOND RATING

This information was obtained from Moody's Investor Service, Moody's Bond Record, December 1973. The bonds were rated by Moody's Investor Service in the following order, with the first rating assigned to the bonds judged to be of highest quality and the last rating assigned to bonds judged to be of lowest quality:

Aaa	Baa	Caa
Aa	Ba	Ca
A	B	C

The bonds in the A and Baa groups which Moody's determined had the strongest investment attributes were designated by the symbols A-1 and Baa-1.

PAGE 5 - PUBLIC SCHOOL STUDENTS Receiving Subsidized Lunches: 1973-74

This information was obtained from the Massachusetts State Department of Education, Bureau of Nutrition Education and School Food Services Education, "Average Number of Lunches Served to Needy". The figures in this table was calculated by taking the number of needy students served lunches in a school during the month of January, 1974 and dividing this number of the number of days schools were opened that month. The average number of lunches served per day in each school were totalled by the MPP support research staff to develop the school district totals.

The "% of Total Enrollment" was calculated by dividing the number of lunch program students by the 1973-74 total school district enrollments obtained from the Massachusetts State Department of Education, Division of Research, Planning and Evaluation, Enrollment by Classification, Exhibit II, 1973-74.

PAGE 5 - STUDENTS ENROLLED IN METCO

The information on the number of METCO (Metropolitan Council for Educational Opportunities, Inc.) students during the 1967-68 school year was obtained from the Massachusetts State Department of Education, Bureau of Equal Education Opportunity, "Recommendations for Funding of Plans Submitted Under Chapter 506 of the Acts of 1966," 1968. The 1970-71 information was obtained from the Massachusetts State Department of Education, Bureau of Equal Educational Opportunity, "Fiscal Report, METCO 1970-71 Program". The 1972-73 information was obtained from the Massachusetts State Department of Education, Bureau of Equal Educational Opportunity, "Memorandum to Rae Cecilia Kipp [Chairman, State Board of Education] from Charles L. Glenn and Cecilia M. DiBella, August 22, 1972. Subject: METCO Program for 1972-73." The information for the 1973-74 school year was obtained from the METCO files "Unpublished Student Enrollment Records", August, 1974. This information was obtained on a school by school basis; the schools figures were totalled by the MPP support research staff to develop the school district totals.

The "% of Total Enrollment" for the 1967-68; 1970-71; and 1972-73 school years were calculated by dividing the number of METCO students by the total number of students for that particular year. The total number of students for those school years were obtained from the Massachusetts State Department of Education, Division of Research, Planning, and Evaluation, Racial Census, October, 1967; Racial ... 1970; Racial ... 1973. The "% of Total Enrollment" for the 1973-74 school year was calculated by dividing the "# METCO Students" by the 1973-74 district enrollments obtained from the Massachusetts Department of Education, Division of Research, Planning and Evaluation, Enrollment by Classification, Exhibit II, 1973-74. METCO is a state funded interdistrict transfer program which transports children from Boston to suburban school districts.

PAGE 6 - PERCENT DISTRIBUTION OF SCHOOL REVENUES: 1967-68; 1970-71; 1972-73

This information was obtained from the Commonwealth of Massachusetts, Annual Report of the Department of Education for the Year Ending June 30, 1968; Annual Report ... June 30, 1971; Annual Report ... June 30, 1973. The percentages were calculated by the MPP support research staff. The percentages may not add up to 100 percent because of rounding.

PAGE 6 - ABSOLUTE DOLLAR AND PERCENT CHANGES IN REVENUES: 1967-72

These figures were calculated from the previous table. The dollar (\$) "Changes in Public School Funds Provided 1967-72" were calculated by subtracting the 1972-73 dollar amounts for "Total Funds Provided", "Local Sources", and remaining categories from the 1967-68 dollar amounts. For example, if the total public school funds provided in 1972-73 were \$100,000 and the funds provided in 1967-68 were \$50,000, the absolute dollar change in revenues would be \$50,000 (\$100,000-\$50,000). The percent changes in revenues was calculated by dividing the difference

between the 1972-73 and 1967-68 funds provided by the 1967-68 amount. For example, if the 1972-73 total funds provided were \$100,000 and the 1967-68 funds provided were \$50,000, the percent "Change in Funds Provided" would be equal to $(\$100,000 - \$50,000) / \$50,000 = \$50,000 / \$50,000 = +100\%$. If there were no funds provided during 1967-68 for any of the categories, the percent change in revenues is mathematically undefined. This is noted by the word Undefined.

PAGE 6 - PERCENT CHANGE IN PROPORTIONAL DISTRIBUTION OF REVENUES: 1967-72

These figures were calculated from the first table on page 6. The "Percent Change in Proportional Distribution of Revenues" was derived as follows:

The percent of revenues from "Local Sources", "Commonwealth Sources", and remaining categories for the 1967-68 school year was subtracted from the 1972-73 school year figures then this difference was divided by the percent "Local Sources", "Commonwealth Sources", and remaining categories for the 1967-68 school year.

For example, if the percent of revenues from local sources in 1967-68 were 50% and the percent of revenues from local sources in 1972-73 were 75%, the "Percent Change in Proportional Distribution of Revenues: 1967-72" would equal $(75-50)/50 = 25/50 = +50\%$. If there is a percent change from 0 to any number, the "Percent Change in Proportional Distribution" is mathematically undefined. This is noted by the word Undefined.

PAGE 7 - PERCENT DISTRIBUTION OF SCHOOL EXPENDITURES: 1967-68; 1970-71; 1972-73

This information was obtained from the Commonwealth of Massachusetts, Annual Report of the Department of Education for the Year Ending June 30, 1968; Annual Report ... June 30, 1971; Annual Report ... June 30, 1973. The percentages were calculated by the MPP support research staff. The percentages may not add up to 100 percent because of rounding.

PAGE 7 - ABSOLUTE DOLLAR AND PERCENT CHANGES IN EXPENDITURES: 1967-72

These figures were calculated from the previous table. The dollar (\$) "Changes in Public School Funds Expended 1967-72" were calculated by subtracting the 1972-73 dollar amounts for "Total Public School Funds Applied", "Administration", and remaining categories from the 1967-68 dollar amounts. For example, if the "Total Public School Funds Applied" in 1972-73 were \$100,000 and the funds applied in 1967-68 were \$50,000, the absolute dollar change in expenditures would be \$50,000 $(\$100,000 - \$50,000)$. The percent changes in expenditures was calculated by dividing the difference between the 1972-73 and 1967-68 funds expended by the 1967-68 amount. For example, if the 1972-73 total funds expended were \$100,000 and the 1967-68 funds expended were \$50,000, the percent "Changes in Public School Funds Expended" would be equal to $(\$100,000 - \$50,000) / \$50,000 = \$50,000 / \$50,000 = +100\%$. If there were no funds provided during 1967-68 for any of the categories, the percent change in expenditures is mathematically undefined. This is noted by the word Undefined.

PAGE 7 - PERCENT CHANGE IN PROPORTIONAL DISTRIBUTION OF EXPENDITURES: 1967-72

These figures were calculated from the first table on page 7. The "Percent Change in Proportional Distribution of Expenditures" was derived as follows:

The percent of expenditures from "Administration", "Instruction", and remaining categories for the 1967-68 school year was subtracted from the 1972-73 school year figures. Then this difference was divided by the percent "Administration", "Instruction", and remaining categories for the 1967-68 school year.

For example, if the percent of expenditures for "Administration" in 1967-68 were 50% and the percent of expenditures for "Administration" in 1972-73 were 75%, the "Percent Change in Proportional Distribution of Expenditures: 1967-72" would equal $(75-50)/50 = 25/50 = +50\%$. If there is a percent change from 0 to any number, the "Percent Change in Proportional Distribution of Expenditures" is mathematically undefined. This is noted by the word Undefined.

PAGE 8 - 1970 CENSUS: COUNT OF PERSONS 25 YEARS OF AGE AND OVER BY RACE AND YEARS OF SCHOOL COMPLETED.

This information was obtained from the U.S. Department of Commerce, Bureau of the Census, 1970 Census of Population and Housing, Fourth Count Population Summary Tapes for Massachusetts, Table 42, "Population 25 Years Old and Over by Years of School Completed and Sex". This information was based on a 20% sample survey. The "Spanish-American" category includes people who are both "White" and "Black" according to the Census definition so that the total of the "White", "Black" and "Spanish-American" columns will never equal the "Total Population" column. The "White" and "Black" figures may not equal the "Total Population" column because they do not include people of other racial backgrounds such as Asian-American and Native-American.

PAGE 8 - MEDIAN SCHOOL YEARS COMPLETED

This information was calculated from the previous table, "1970 Census: Count of Persons 25 Years of Age and Over by Years of School Completed". This calculation was performed by the Massachusetts Institute of Technology (M.I.T.) Information Processing Center.

DEMOGRAPHIC CHARACTERISTICS

PAGE 9 - CENSUS POPULATION BY RACE AND SPANISH LANGUAGE: 1960; 1970

The information on the 1960 population was obtained from the U.S. Department of Commerce, Bureau of the Census, 1960 Census of Population, Volume I, Characteristics of the Population, Part 23, Massachusetts, Tables 21, 25. This monograph

is available at libraries and governmental agencies. The "Asian-American" category includes only Chinese, Japanese, and Filipino. The percentages may not add up to 100 percent because of rounding.

The 1970 population figures were obtained from the U.S. Department of Commerce, Bureau of the Census, 1970 Census of Population, General Social and Economic Characteristics, Massachusetts, PC (1) - C23, Tables 81, 102 and 1970 Census of Population, General Population Characteristics, Massachusetts, PC (1) - B23, Tables 23, 27, 31. The "Asian-American" category includes only Chinese, Japanese and Filipino. The "Other" category includes Hawaiians, Koreans, Aleuts, Eskimos, Malaysians, and Polynesians. The "Spanish Language" data was obtained from the 1970 U.S. Census "Persons of Spanish Language" category. Persons of "Spanish Language" were not considered a distinct racial group by the U.S. Bureau of the Census and were, therefore, not distributed in the "White" or "Non-white" categories. An N.A. indicates that this information was not available for the school district. The percentages may not add up to 100 percent because of rounding.

The "1960-1970 Increase (+) Decrease (-)" figures were calculated by the MPP support research staff from the data in the first two rows of this table. The increase or decrease in the number (#) columns were derived by subtracting the 1970 population figures from the 1960 figures.

The increase or decrease in the percent (%) column were calculated by dividing the difference between the 1970 and 1960 population figures by the 1960 figures.

The "% Change in Proportional Distribution" was calculated as follows:
The "% White", "% Non-white" and percentages for the other columns for 1970 were subtracted from the 1960 percentages. This difference was divided by the 1960 percentages and this is the figure that was recorded.

PAGE 9 - CENSUS POPULATION INCREASE OR DECREASE: 1960-1970

This information was obtained from the Massachusetts Department of Commerce and Development, Massachusetts Population 1970-1965-1960 and Population Movements in Massachusetts 1960-1970.

PAGE 9 - CENSUS: FERTILITY RATIO BY RACE

This information was obtained from the U.S. Department of Commerce, Bureau of the Census, 1970 Census of Population and Housing, Fourth Count Population Summary Tapes for Massachusetts, Table 44, "Females 15-44 Years Old by Marital Status, Number of Children and Age". This ratio tells how many children, on the average, a woman between the ages of 15 and 44 had in 1970. For example, a fertility ratio of 1.35:1 indicates that for that city or town (and for that racial grouping) the average number of children a woman between 15 and 44 would have would be 1.35. An N.A. indicates that this information was not available for the school district.

PAGE 10 - 1970 CENSUS:
Household Population by Race

The information on "Total Population" was obtained from the U.S. Department of Commerce, Bureau of the Census, 1970 Census of Population and Housing, Second Count Summary Tapes for Massachusetts, Table 1, "Race and Sex". The information on "Population in Households" was obtained from the U.S. Department of Commerce, Bureau of the Census, 1970 Census of Population and Housing, Second Count Summary Tapes for Massachusetts, Table 3, "Household Population by Age, Race and Sex". An N.A. indicates that this information was not available for the school district. The U.S. Bureau of the Census defines people who live in households as those people who occupy a group of rooms or a single room which constitutes a housing unit. All living arrangements other than households are classified as group quarters. Persons living in group quarters include, for example, those who are inmates of institutions and those living in rooming and boarding houses, communes or military barracks.

PAGE 10 - 1970 CENSUS:
Number of Families by Sex of Family Head

The information on the number of families headed by females was obtained from the U.S. Department of Commerce, Bureau of the Census, 1970 Census of Population and Housing, Fourth Count Population Summary Tapes for Massachusetts, Table 75 "Family Income". The number of families headed by males was calculated by the MPP support research staff by subtracting the number of female headed families from the total number of families. This information was based on a 20 percent sample survey. The U.S. Bureau of the Census defines a family as a household head and one or more other persons living in the same household who are related to the head by blood, marriage, or adoption. The "White" and "Black" figures may not equal the "Total Population" because they do not include people of other racial backgrounds such as Asian-American and Native-American.

PAGE 10 - 1970 CENSUS: AGE DISTRIBUTION BY RACE

This information was obtained from the U.S. Department of Commerce, Bureau of the Census, 1970 Census of Population and Housing, Second Count Summary Tapes for Massachusetts, Table 2, "Single Years of Age, Race, and Sex". The percentages were calculated by the MPP support research staff. The percentages may not add up to 100 percent because of rounding. An N.A. indicates that this information was not available for the school district.

PAGE 11 - 1970 CENSUS: NATIVITY AND PARENTAGE

This information was obtained from the U.S. Department of Commerce, Bureau of the Census, 1970 Census of Population and Housing, Fourth Count Population Summary Tapes for Massachusetts, Table 21, "Nativity and Parentage". This information was based on a 15 percent sample survey. A "Native of Native Parent"

is a person born in the United States, the Commonwealth of Puerto Rico or an outlying area of the United States whose parents were also born in the United States. "Foreign Stock" includes U.S. citizens who were foreign born as well as those people who were born in the U.S. but had one or more foreign born parents ("Foreign or Mixed Parentage"). The "Spanish-American" category includes people who are both "White" and "Black" according to the Census definition so that the total of the "White", "Black" and "Spanish-American" columns will never equal the "Total Population" column.

PAGE 11 - 1970 CENSUS: MOST FREQUENT COUNTRY
of Origin of Foreign Stock

This information was obtained from the U.S. Department of Commerce, Bureau of the Census, 1970 Census of Population and Housing, Fourth Count Population Summary Tapes for Massachusetts, Table 22, "Country of Origin and Nativity". This information was based on a 15 percent sample survey. This table indicates the country of origin of the foreign stock population (foreign born and native of foreign or mixed parentage) in a city or town, with the information presented separately for foreign born and native of mixed parentage. These figures were totalled by the MPP support research staff to arrive at the number of persons recorded for each of the countries listed in this table. The countries listed are those which have the largest number of former citizens presently U.S. citizens residing in this community. The percent foreign stock population was calculated by dividing the number of foreign stock citizens from a particular country by the total number of foreign stock residents in that city or town. The total number of foreign stock residents was obtained from the previous table, "1970 Census: Nativity and Parentage".

PAGE 11 - 1970 CENSUS: SPANISH POPULATION INDICATORS

This information was obtained from the U.S. Department of Commerce, Bureau of the Census, 1970 Census of Population and Housing, Fourth Count Population Summary Tapes for Massachusetts, Table 24, "Spanish Indicators". The information on persons of "Spanish Origin or Descent" was derived from the question of whether a person's origin or descent was Mexican, Puerto Rican, Cuban, Central or South American, or other Spanish. The information on persons of "Puerto Rican Birth or Parentage" includes persons born in Puerto Rico and persons born in the United States or an outlying area with one or more parents born in Puerto Rico. Persons of "Spanish Language" comprise persons of Spanish mother tongue and all other persons in families in which the head or wife reported Spanish as his or her mother tongue. Since a person of "Spanish Origin or Descent" may appear in two or more of these Spanish population indicators, these figures were not totalled to arrive at a total number of Spanish population residents in a city or town.

PAGE 11 - 1970 CENSUS: MOST FREQUENT MOTHER TONGUES
Other Than English

This information was obtained from the U.S. Department of Commerce, Bureau of the Census, 1970 Census of Population and Housing, Fourth Count Population Summary Tapes for Massachusetts, Table 23, "Mother Tongue and Nativity". This information was based on a 15 percent sample survey of which language was spoken in a person's home when he or she was a child. Since English is the most frequent mother tongue, information is only displayed for mother tongues other than English. This information is presented separately for foreign born and natives and these figures were totalled by the MPP support research staff to arrive at the figures presented in this table.

ECONOMIC CHARACTERISTICS

PAGE 12 - 1970 CENSUS: NUMBER OF EMPLOYED PERSONS 16 YEARS OLD AND OVER
BY OCCUPATION

This information was obtained from the U.S. Department of Commerce, Bureau of the Census, 1970 Census of Population and Housing, Fourth Count Population Summary Tapes for Massachusetts, Table 58, "Employed Population 16 Years Old and Over by Occupation". This information was based on a 20 percent sample survey. Each of the occupation categories shown on this table such as "Professional, Technical, and Kindred Workers" have been broken down into subcategories and the same information in this table is available for each of these subcategories. An N.A. indicates that this information was not available for the school district. The percentages may not add up to 100 percent because of rounding. The "White" and "Black" figures may not equal the "Total Persons Employed" because they do not include people of other racial backgrounds such as Asian-American and Native-American. The "Spanish-American" category includes people who are both "White" and "Black" according to the Census definition so that the total of the "White", "Black" and "Spanish-American" columns will never equal the "Total Persons Employed" column.

PAGE 13 - MEDIAN INCOME: 1960 CENSUS; 1970 CENSUS

The information on 1960 Median Income was obtained from the U.S. Department of Commerce, Bureau of the Census, 1960 Census of Population, Volume I, Characteristics of the Population, Part 23 Massachusetts, Tables 33, 34, 76.

The information on the 1970 Median Income was obtained from the U.S. Department of Commerce, Bureau of the Census, 1970 Census of Population and Housing, Fourth Count Population Summary Tapes for Massachusetts, Table 75, "Family Income", and Table 76, "Income of Unrelated Individuals". This information was based on a 20 percent sample survey.

Information on families includes all those people living in the same household who are related to the head by blood, marriage, or adoption. Information on unrelated individuals includes all members of a household who are not related to anyone else in the household or a person living in group quarters who is not an inmate of an institution. An N.A. indicates that this information was not available for the school district.

PAGE 13 - 1970 CENSUS: EMPLOYMENT STATUS BY RACE
 of Persons 16 Years of Age and Over in Labor Force

This information was obtained from the U.S. Department of Commerce, Bureau of the Census, 1970 Census of Population and Housing, Fourth Count Population Summary Tapes for Massachusetts, Table 54, "Population 16 Years Old and Over by Labor Force Status, Selected Characteristics, and Sex". This information was based on a 20 percent sample survey. The employment or labor force status of persons over 16 is recorded by the U.S. Bureau of the Census in three categories: "In Labor Force", "In Armed Forces", and "Not in Labor Force". The information in this table covers only those people in the labor force, and this category is broken down into those who are "Employed" and those who are "Unemployed". Since the number and percent "Unemployed" is only based on those people in the labor force, it is an undercount of actual unemployment in a community. The "Total" is of those people 16 years and over in the labor force. An N.A. indicates that this information was not available for the school district. The "Spanish-American" category includes people who are both "White" and "Black" according to the Census definition so that the total of the "White", "Black", and "Spanish-American" columns will never equal the "Total" column. The percentages may not add up to 100 percent because of rounding. The "White" and "Black" figures may not equal the "Total" column because they do not include people of other racial backgrounds such as Asian-American and Native-American.

PAGE 14 - 1970 CENSUS:
 Number of Persons in Families and
 Number of Unrelated Individuals with Income Less Than Poverty Level

The information on the number of "Persons in Families" below poverty level was obtained from the U.S. Department of Commerce, Bureau of the Census, 1970 Census of Population and Housing, Fourth Count Population Summary Tapes for Massachusetts, Table 83, "Aggregate Number of Persons in Families below Poverty Level".

The information on the "Number of Unrelated Individuals with Income Less Than Poverty Level" was obtained from the U.S. Department of Commerce, Bureau of the Census 1970 Census of Population and Housing, Fourth Count Population Summary Tapes for Massachusetts, Table 89, "Unrelated Individuals by Age and Poverty Status". This information was based on a 20 percent sample survey. The number of persons in families and the number of unrelated individuals were totalled by the MPP support research staff to arrive at the total in this table.

The definition of poverty level income originated with the U.S. Social Security Administration in 1964 and was subsequently modified by a Federal Interagency Committee. This index provides a range of poverty income cutoffs adjusted by such factors as family size, family head, number of children under 18 years old, and farm and nonfarm residence, needed in order to maintain a nutritionally adequate food plan designed by the Department of Agriculture. In 1969, the poverty thresholds ranged from \$1,847 for a female unrelated individual 65 years old and over living on a farm to \$6,116 for a nonfarm family with a male head and with seven or more persons. The average poverty threshold for a nonfarm family of four headed by a male was \$3,745. An N.A. indicates that this information was not available for the school district. The percentages may not add up to 100 percent because of rounding. The "White" and "Black" figures may not equal the "Total Population" because they do not include people of other racial backgrounds such as Asian-American and Native-American. The "Spanish-American" category includes people who are both "White" and "Black" according to the Census definition so that the total of the "White", "Black", and "Spanish-American" columns will never equal the "Total Population" column.

PAGE 14 -

1970 CENSUS:

Number of Related Children Under 18 in Families
Below Poverty Level by Presence of Parents

This information was obtained from the 1970 U.S. Department of Commerce, Bureau of the Census, 1970 Census of Population and Housing, Fourth Count Population Summary Tapes for Massachusetts, Table 92, "Related Children Under 18 Years Old in Families Below Poverty Level by Presence of Parents". This information was based on a 20 percent sample survey. The percentages were calculated by the MPP support research staff by dividing the number of children under 18 living in families below poverty level by the total number of children under 18 in that city or town. An N.A. indicates that this information was not available for the school district. The "White" and "Black" figures may not equal the "Total Population" because they do not include people of other racial backgrounds such as Asian-American and Native-American. The "Spanish-American" category includes people who are both "White" and "Black" according to the Census definition so that the total of the "White", "Black" and "Spanish-American" columns will never equal the "Total Population" column.

PAGE 15 - CHARACTERISTICS OF INDUSTRIAL FIRMS: 1967

This information was obtained from the Commonwealth of Massachusetts, Division of Employment Security, "Massachusetts Employment and Wages 1967 by Area (City and Town) by Industry, 3 digit," unpublished computer printouts. This information is on industrial establishments subject to the Massachusetts Employment Security Law, Chapter 151A of the General Laws, and generally excludes employment in nonprofit institutions organized for religious, charitable, educational,

or scientific purposes; in domestic service; self employment and unpaid family service; and in governments. A definition of each major industry, such as "Agriculture and Mining", presented in this table, can be found in the following publication: The Commonwealth of Massachusetts, Division of Employment Security, Massachusetts Cities and Towns, Employment and Wages in Establishments Subject to the Massachusetts Employment Security Law by Major Industry Divisions 1967-1971, March, 1973.

PAGE 16 - CHARACTERISTICS OF INDUSTRIAL FIRMS: 1972

This information was obtained from the Commonwealth of Massachusetts, Division of Employment Security, "Massachusetts Employment and Wages 1972 by Area (City and Town) by Industry, 3 digit", unpublished computer printouts. This information is on industrial establishments subject to the Massachusetts Employment Security Law, Chapter 151A of the General Laws, and generally excludes employment in nonprofit institutions organized for religious, charitable, educational, or scientific purposes; in domestic service; self employment and unpaid family service; and in governments. A definition of each major industry, such as "Agriculture and Mining", presented in this table, can be found in the following publication: The Commonwealth of Massachusetts, Division of Employment Security, Massachusetts Cities and Towns, Employment and Wages in Establishments Subject to the Massachusetts Employment Security Law by Major Industry Divisions 1967-1971, March, 1973.

LAND USE CHARACTERISTICS

PAGE 17 - LAND USE PATTERNS IN (CITY OR TOWN NAME)

The percentages measured on this pie chart were calculated from land use pattern information obtained from the Metropolitan Area Planning Council, Preliminary Single Purpose Plan Report, Land Use Numbers, Study Element Number 3.05 of the Southeastern New England Study, October 1973 (compiled for the New England River Basin Study). This report contained information on the number of acres in a city or town utilized for "Residential", "Commercial" and the other remaining categories. The MPP support research staff calculated the percentages that were used to develop the pie chart displayed in this table.

HOUSING CHARACTERISTICS

PAGE 18 - 1970 CENSUS: SELECTED HOUSING CHARACTERISTICS

This information was obtained from the U.S. Department of Commerce, Bureau of the

Census, 1970 Census of Population and Housing, 1970 Census of Housing, General Housing Characteristics, Massachusetts HC (1)-A23, Tables 1, 8, 18, 23, 24.

The median value of owner occupied units does not include those that are in multi-unit structures, trailers, rural units on farms or places of ten or more acres, or on properties any part of which is used as a business.

The U.S. Bureau of the Census defines a housing unit as a house, an apartment, a group of rooms, or a single room occupied or intended for occupancy as separate living quarters. A housing unit was considered vacant if no one was living in it at the time the Census was taken unless its occupants were only temporarily absent. Median value was the owner's estimate of how much the property (house and lot) would sell for, if it were for sale. Median contract rent is the monthly rent agreed to, or contracted for, regardless of any furnishings, utilities, or services that may be included.

PAGE 18 - 1970 CENSUS: NUMBER OF HOUSING UNITS
by Occupancy Status and Race of Head of Household

This information was obtained from the U.S. Department of Commerce, Bureau of the Census, 1970 Census of Population and Housing, Fourth Count Housing Summary Tapes for Massachusetts, Table 26, "Occupancy/Vacancy Status". The total number of housing units in this table may be slightly lower than the total in the previous table because it does not include vacant migratory and seasonal units. The percentages may not add up to 100 percent because of rounding. An N.A. indicates that this information was not available for the school district. The "White" and "Black" figures may not equal the "Total" column because they do not include people of other racial backgrounds such as Asian-American and Native-American. This information was based on a 20% sample survey.

PAGE 18 - BUILDING PERMITS ISSUED FOR NEW
Dwelling Units: 1960-71

This information was obtained from the Massachusetts Department of Commerce and Development, City and Town Monograph. This is a separate monograph for each city and town in the Commonwealth of Massachusetts. These monographs, which contain other information on a city or town, are free to the public upon request.

PAGE 19 - NUMBER OF SUBSIDIZED HOUSING UNITS BY TYPE OF CONSTRUCTION
STATUS: 1973

This information was obtained from the Metropolitan Area Planning Council, (MAPC) Subsidized Housing in the Boston Region as of December 31, 1973, and is available to the public upon request. The MAPC is the regional planning agency for the Boston metropolitan area; it studies the demographic, socio-economic, land use, and housing characteristics of the cities and towns in the Boston metropolitan area. MHFA refers to the Massachusetts Housing Finance Agency.

PAGE 19 - 1970 CENSUS: AGE OF HOUSING UNITS

This information was obtained from the U.S. Department of Commerce, Bureau of the Census, 1970 Census of Population and Housing, Fourth Count Housing Summary Tapes for Massachusetts, Table 8, "Year Structure Built, Tenure, and Race of Head". This information was based on a 20 percent sample survey. Since this information is based on a sample survey, the total number of housing units may not equal the total number of units recorded on other "Housing Characteristic" tables. The number of "Other Occupied Housing Units" was calculated by the MPP support research staff by subtracting the "Black Occupied Housing Units" column from the "Total Housing Units" column. The "Other Occupied Housing Units" are occupied primarily by whites but may also be occupied by Asian-American, Native-American and other racial and ethnic group members. The percentages may not add up to 100 percent because of rounding. An N.A. indicates that this information was not available for the school district. The "Spanish-American" category includes people who are both "White", and "Black" according to the Census definition so that the total of the "White" "Black" and "Spanish-American" columns will never equal the "Total Housing Units" column.

PAGE 20 - 1970 CENSUS: NUMBER OF PERSONS PER ROOM IN OCCUPIED HOUSING UNITS
By Race of Head of Household

This information was obtained from the U.S. Department of Commerce, Bureau of the Census, 1970 Census of Population and Housing, First Count Summary Tapes for Massachusetts, Table 30, "Persons per Room, Tenure and Race of Head". The number of "Other Occupied Housing Units" was calculated by the MPP support research staff by subtracting the "Black Occupied Housing Units" column from the "Total Occupied Units" column. An N.A. indicates that this information was not available for the school district. The percentages may not add up to 100 percent because of rounding.

PAGE 20 - 1970 CENSUS: TYPE OF HOUSING STRUCTURE

This information was obtained from the U.S. Department of Commerce, Bureau of the Census, 1970 Census of Population and Housing, Fourth Count Housing Summary Tapes for Massachusetts, Table 9, "Units in Structure, Tenure, and Race, of Head". This information was based on a 20 percent sample survey. Since this information is based on a sample survey, the total number of housing units may not equal the total number of units recorded on other "Housing Characteristic" tables. This information is also available for Black and Spanish-American occupied units, both owner occupied and renter occupied. An N.A. indicates that this information was not available for the school district. The percentages may not add up to 100 percent because of rounding.

PAGE 20 - 1970 CENSUS:
Average Number of
Persons per Housing Unit

This information was obtained from the U.S. Department of Commerce, Bureau of the Census, 1970 Census of Population and Housing, Fourth Count Housing Summary Tapes for Massachusetts, Table 37, "Number of Persons in Unit, Tenure, and Race of Head". This information was based on a 20 percent sample survey. This information was calculated by the MPP support research staff by dividing the number of persons in housing units by the total number of housing units. The number of "Other Occupied Housing Units" was calculated by the MPP support research staff by subtracting the "Black Occupied Housing Units" column from the "Total Occupied Housing Units" column.

PAGE 21 - 1970 CENSUS: VALUE OF OWNER OCCUPIED HOUSING UNITS BY RACE OF
HEAD OF HOUSEHOLD

This information was obtained from the U.S. Department of Commerce, Bureau of the Census, 1970 Census of Population and Housing, Fourth Count Housing Summary Tapes for Massachusetts, Table 52, "Value, Occupancy Status, and Race of Head". This information was based on a 20 percent sample survey. The value of an owner occupied unit was the owner's estimate of how much the property (house and lot) would sell for, if it were for sale. The number of "Other Owner Occupied Units" was calculated by the MPP support research staff by subtracting the "Black Owner Occupied Units" column from the "Total Owner Occupied Units" column. The percentages may not add up to 100 percent because of rounding. An N.A. indicates that this information was not available for the school district. The "Spanish-American" category includes people who are both "White" and "Black" according to the Census definition so that the total of the "White", "Black" and "Spanish-American" column will never equal the "Total Owner Occupied Units" column.

PAGE 22 - 1970 CENSUS: MONTHLY GROSS RENT BY RACE OF HEAD OF HOUSEHOLD

This information was obtained from the U.S. Department of Commerce, Bureau of the Census, 1970 Census of Population and Housing, Fourth Count Housing Summary Tapes for Massachusetts, Table 19, "Gross Rent and Race of Head". This information was based on a 20 percent sample survey. "Monthly Gross Rent" is the monthly rent agreed to, or contracted for, regardless of any furnishings, utilities, or services that may be included plus the estimated average monthly cost of utilities and fuels, if these items are paid for by the renter in addition to rent. The number of "Other Renter Occupied Units" was calculated by the MPP support research staff by subtracting the "Black Renter Occupied Units" column from the "Total Renter Occupied Units" column. An N.A. indicates that this information was not available for the school district. The percentages may not add up to 100 percent because of rounding. The "Spanish-American" category includes people who are both "White" and "Black" according to the Census definition so that the total of the "White", "Black" and "Spanish-American" columns will never equal the "Total Renter Occupied Units" column.

NOTES AND SOURCES FOR THE INDIVIDUAL SCHOOL PROFILES

PAGE 1 - SCHOOL DISTRICT #, SCHOOL

The school district and school number (#) which appear on the upper right hand box are code numbers which are used by the Massachusetts State Department of Education. These code numbers were obtained from the Massachusetts State Department of Education, Bureau of Educational Information Services, Massachusetts School Directory 1973-74.

PAGE 1 - 1973-74 SCHOOL DISTRICT; SCHOOL NAME; NO. & STREET; City, State, Zip; Grade Organization

This information was obtained from the Massachusetts State Department of Education, Bureau of Educational Information Services, Massachusetts School Directory 1973-74.

PAGE 1 - FACILITIES

The information on a school's date of initial construction, date(s) of additions or changes, number of rooms for instructional use, and total number of rooms were obtained from the Massachusetts State Department of Education, Division of Research, Planning, and Evaluation, School Building Inventory, Fall, 1973. There were fifty-eight types of school rooms listed on this form. Forty-two of these rooms were placed by the MPP support research staff in the "Instructional Use" category. These rooms are:

1. Art (General)
2. Arts and Crafts
3. Auditorium
4. Automotive
5. Bandroom
6. Biology Laboratory
7. Bookkeeping
8. Chemistry Laboratory
9. Child Care Center
10. Chorus Room
11. Classroom Regular, (Regular, Interchangeable)
12. Classroom (Seminar Room)
13. Corrective Room (Athletics)
14. Earth Science Laboratory
15. Field House
16. General Science Laboratory
17. Graphic Arts
18. Gymnasium
19. Home Economics (Food)

20. Home Economics (General)
21. Home Economics (Multi-purpose Living Center)
22. Ice Skating Rink
23. Instructional Media Center
24. Language Arts Laboratory
25. Library
26. Mathematics Laboratory
27. Mechanical Drawing
28. Metal Shop
29. Music Room (General)
30. Office Machines
31. Office Practice
32. Physics Laboratory
33. Power Mechanics Shop
34. Sewing Room
35. Shop (General)
36. Social Studies Laboratory
37. Special Education Remedial Rooms
38. Stenography Room
39. Swimming Pool
40. Television Room
41. Typing Room
42. Wood Shop

The remaining sixteen were placed in the "Other Uses" category.
They are:

1. Administrative Office
2. Audio-Visual Workroom
3. Cafeteria
4. Data Processing
5. Guidance Office
6. Health Suite
7. Kitchen
8. Lavatories (Boys')
9. Lavatories (Girls')
10. Shower and Locker Rooms
11. Storage (Books)
12. Storage (Custodial Supplies)
13. Storage (General Instructional Supplies)
14. Student Activity Room
15. Teachers' Lounge
16. Teachers' Workroom

An N.A. indicates that this information was not available for the school.

PAGE 1 - 1973-74 FEDERAL PROGRAMS

The information on "Title I" programs in a school ("Type of Program", "# of Students") was obtained from the Massachusetts State Department of Education, Division of Curriculum and Instruction, Bureau of Curriculum Services, Title I ESEA, "Unpublished Title I Program Documents, 1973-74." The "% School Enrollment" was calculated by the MPP support research staff by dividing the number of students in Title I programs by the total number of students in the school during the 1973-74 school year. The total number of students was obtained from the Massachusetts State Department of Education, Division of Research, Planning, and Evaluation, Enrollment by Classification, Exhibit II, 1973-74. This is the same total that appears in the "Student Ethnic Census: 1973-74" table on page 2. The Title I program is funded by the U.S. Office of Education and was legislated by the U.S. Congress as part of the 1965 Elementary and Secondary Education Act (ESEA). The Title I program provides assistance for "educationally deprived and neglected and delinquent children".

The information on students in the "Lunch Program" ("# Students, Free"; "# Students, Reduced Price") was obtained from the Massachusetts State Department of Education, Bureau of Nutrition Education and School Food Services Education, "Average Number of Lunches Served to Needy". The figures in this table were calculated by taking the number of needy students served lunches in a school during the month of January, 1974 and dividing this number by the number of days schools were opened that month. The "% School Enrollment" was calculated by the MPP support research staff, 1973-74, by dividing the number of "Lunch Program" students by the 1973-74 school enrollment obtained from the Massachusetts State Department of Education, Division of Research, Planning and Evaluation, Enrollment by Classification, Exhibit II, 1973-74.

The information on students eligible for the "Bilingual Program" was obtained from the Massachusetts State Department of Education, Bureau of Transitional Bilingual Education, Census of Children of Limited English Speaking Ability on October 1, 1973, under Chapter 71A, Act of 1971. This Census of all public school students is conducted each year in order to determine how many students are of limited English speaking ability as defined in Chapter 71A and, thus, eligible for transitional bilingual classes. The "% School Enrollment" was calculated by the MPP support research staff by dividing the number of eligible bilingual students by the 1973-74 school enrollment obtained from the Massachusetts State Department of Education, Division of Research, Planning, and Evaluation, Enrollment by Classification, Exhibit II, 1973-74.

The information on the number of METCO (Metropolitan Council for Educational Opportunities, Inc.) students was obtained from the METCO files, "Unpublished Student Enrollment Records", August, 1974. METCO is a state funded interdistrict transfer program which transports children from Boston to suburban school districts. The "% School Enrollment" was calculated by the MPP support research staff by dividing the number of METCO students by the 1973-74 school enrollment obtained from the Massachusetts State Department of Education, Division of Research, Planning, and Evaluation, Enrollment by Classification, Exhibit II, 1973-74.

This information was obtained from the Massachusetts State Department of Education, Division of Research, Planning, and Evaluation, 1973-74 Professional Staff Survey. The figures in this table are not always an accurate total of the number of professional staff employed in a school because some staff members may not have filled in a survey. In addition, some staff members may have completed one section of the survey but not another section. As a result, the totals under the "Age", "Years in Present System", and "Position" columns may not be the same. The total number (#) of professional staff recorded in the "Census" column is the largest number of staff found in either the "Age", "Years in Present System", or "Position" categories. The "Total" number of professional staff members may be greater than the total number of "White", "Black", "Spanish Surname", "Asian-American", "Native-American", and "Other" professional staff members because some people who answered this survey did not indicate their racial or ethnic background. An N.A. indicates that this information was not available for the school.

The survey form had 24 different position codes. These positions were reclassified, by the MPP support research staff, under one of these four headings: "Administrators", "Teachers", "Teacher Aides", and "Other Professionals".

"Administrators" include the following positions:

1. Administrative Assistant
2. Assistant Director or Manager
3. Assistant or Vice-Principal
4. Assistant Superintendent
5. Assistant Supervisor
6. Director or Manager (Pupils or Programs)
7. Principal
8. Research
9. Superintendent

"Teachers" include:

1. Itinerant Teacher
2. Special Class Teacher (Handicapped)
3. Specialist (Reading, Speech, etc.)
4. Teacher

"Teacher Aides" include:

1. Teacher Aide

"Other Professionals" include:

1. Attendance Supervisor
2. Chairman or Department Head
3. Counselor
4. Librarian
5. Nurse
6. Other Professional or Technical Personnel
7. Psychologist
8. Psychometrist
9. Social Worker (Adjustment Counselor)
10. Supervisor or Consultant (Staff Improvement)

PAGE 2 - STUDENT ETHNIC CENSUS: 1973-74

This information was obtained from the Massachusetts State Department of Education, Division of Research, Planning, and Evaluation, Enrollment by Classification, Exhibit II, 1973-74. The figures in the "White" column include "White" students and students of racial backgrounds other than "Black", "Native-American", "Asian-American", and "Spanish Surname". "Spanish Surname" students were placed in the "Non-white" category.

PAGE 2 - RACIAL CENSUS: 1967-68; 1970-71; 1972-73

The information on the "Total", "White", and "Non-white" enrollments for these three school years were obtained from the Massachusetts State Department of Education, Division of Research, Planning, and Evaluation, Racial Census, October, 1967; Racial Census, October, 1970; and Racial Census, October, 1972. The Racial Census does not indicate which students were considered "White" and which were considered "Non-white".

PAGE 2 - RACIAL CENSUS: ENROLLMENT CHANGE 1967-1972

These figures were calculated from the previous table by the MPP support research staff. The figures under the number sign (#) column were calculated by subtracting from the "Total", "White" or "Non-white" enrollment for the 1972-73 school year, the "Total", "White" or "Non-white" enrollment for the 1967-68 school year. For example, if the 1972-73 total enrollment was 100 students and the 1967-68 enrollment was 50 students, the enrollment change would be +50(100-50) and this figure would appear in the appropriate box. The figures under the percent(%) column were derived by dividing the difference between the 1972-73 and 1967-68 enrollment by the 1967-68 enrollment. If the difference, for example, between the 1972-73 and 1967-68 enrollments were +50 and the 1967-68 enrollment were 50, the percent change would be +100(50/50). The figures under the "% Change in Proportional Distribution" column were calculated as follows:

The "% White" (or "% Non-white") for 1972-73 was subtracted from the "% White" (or "% Non-white") for 1967-68.

This difference was divided by the "% White" (or "% Non-white") for 1967-68 and this is the figure that was recorded. For example, if the "% White" in 1967-68 was 75% and the "% White" in 1972-73 was 50%, the "% Change in Proportional Distribution" would be calculated as follows:
 $(50-75)/75 = (-25)/75 = -0.33$.

Since the percent "Total Enrollment" is always 100%, no "% Change in Proportional Distribution" was calculated or recorded for "Total Enrollment". If there is a percent change from 0 to any number, the "% Change in Proportional Distribution" is mathematically undefined. This is noted by the word "Undefined".

PAGE 2 - FOLLOW-UP OF HIGH SCHOOL GRADUATES: 1968-1972

The information on the post high school placement of 1968 graduates was obtained from the Massachusetts State Department of Education, Division of Research, Planning, and Evaluation, Distribution of Graduating Class, 1969. The number of students in each of the various placement categories may not equal the total number of high school graduates because information on all placements was not available. If there was no information available on high school graduates in a particular school, this is noted by an N.A. in the first column (under the # sign). The information on the 1972 graduates was obtained from the Massachusetts State Department of Education, Division of Research, Planning, and Evaluation, Distribution of High School Graduates, Class of 1972, Fall 1973. The percentages in the 1972 column may not add up to 100% because of rounding. This table is only displayed for high schools; the profiles for elementary and junior high schools do not have this table.

PAGE 2 - ELIGIBLE TRANSITIONAL BILINGUAL STUDENTS: 1973-74

The number of students eligible for a transitional bilingual program was obtained from the Massachusetts State Department of Education, Bureau of Transitional Bilingual Education, Census of Children of Limited English Speaking Ability on October 1, 1973, under Chapter 71A, Act of 1971. This Census of all public school students is conducted each year in order to determine how many students are of limited English speaking ability as defined in Chapter 71A and, thus, eligible for transitional bilingual classes. The "Percent of Bilingual Enrollment" was calculated by the MPP support research staff by dividing the number of students in each language category, such as "Chinese" or "French" by the "Total" number of eligible bilingual students.

Leslie Steven May

METROPOLITAN PLANNING PROJECT/COMMUNITY PROFILE # 189 MILTON

EDUCATIONAL CHARACTERISTICS

NUMBER OF SCHOOLS AND ENROLLMENT By Type of School: 1973-74				
Type of School	Number of Schools	Enrollment		
		Total	White	Non-white
Elementary	4	2,124	2,101	23
Junior High	2	1,068	1,057	11
High School	1	1,248	1,224	24
Special & Ungraded	0			
Regional	0			
Vocational	0			
Total	7	4,440	4,382	58

SCHOOL ATTENDING CHILDREN IN PUBLIC and Non-public Schools				
Year	Total	Public		Non-public
		#	%	# %
1967-68	6,598	4,107	62.2	2,491 37.8
1970-71	6,455	4,475	69.3	1,980 30.7
1972-73	6,345	4,478	70.6	1,867 29.4

EDUCATIONAL COLLABORATIVE PARTICIPATION 1973-74	
Massachusetts Association of School Business Officials(MASBO);	Metropolitan Council for Educational Opportunity, Inc.(METCO)

1970 CENSUS: SCHOOL ENROLLMENT FOR Level and Type of School by Race (Population 3 - 34 years)									
Level and Type of School	Total		White		Black		Spanish-American		
	#	%	#	%	#	%	#	%	
Nursery School	7	0.1	7	0.1	0		0		
Public	25	0.3	25	0.3	0		0		
Parochial	161	1.9	161	1.9	0		0		
Private	330	4.0	330	4.0	0		0		
Kindergarten	14	0.2	14	0.2	0		0		
Public	21	0.3	21	0.3	0		0		
Parochial									
Private									
Elementary (1-8)	2,390	28.7	2,390	28.8	0		0		
Public	1,301	15.6	1,294	15.6					
Parochial	179	2.2	179	2.2	0		0		
Private	1,445	17.4	1,445	17.4	0		0		
High School (1-4)	352	4.2	352	4.2	0		0		
Public	449	5.4	449	5.4	0		0		
Parochial	257	3.1	257	3.1	0		0		
Private	1,386	16.7	1,372	16.5	14	1.00	6	0.4	
College									
Public									
Private									

FEDERALLY-FUNDED PROGRAMS: 1973-74			
Program	# of Students	% Total Enrollment	
Title I	90	2.0	
Title III	0		

METROPOLITAN PLANNING PROJECT/COMMUNITY PROFILE # 189 MILTON

EDUCATIONAL CHARACTERISTICS

RACIAL CENSUS: 1967-68; 1970-71; 1972-73					
Years	Total Enrollment	White		Non-white	
		#	%	#	%
1967-1968	4,079	4,073	99.9	6	0.1
1970-1971	4,376	4,345	99.3	31	0.7
1972-1973	4,450	4,412	99.1	38	0.9

RACIAL CENSUS: ENROLLMENT CHANGE 1967-1972				% Change in Proportional Distribution
	#	%		
TOTAL	+371	+9.1		
White	+339	+8.3		-0.8
Non-white	+32	+533.3		+800.0

STUDENT ETHNIC CENSUS: 1973-74							
	Total	White	Non-white	Non-white			
				Black	Native-American	Asian-American	Spanish Surname
Number	4,440	4,382	58	46	2	2	8
Percent	100.0	98.7	1.3	1.0	0.0	0.0	0.2

FOLLOW UP OF HIGH SCHOOL GRADUATES: 1968; 1972					
Post High School Placement		Class of			
		1968		1972	
		#	%	#	%
4-yr. State College		45	12.5	72	19.1
4-yr. Other College		144	39.9	129	34.3
2-yr. State College		16	4.4	39	10.4
2-yr. Other College		61	16.9	28	7.4
Nurses Training		7	1.9	2	0.5
Other Post Secondary		17	4.7	23	6.1
Military		22	6.1	2	0.5
Work		34	9.4	69	18.4
Other		15	4.2	12	3.2
TOTAL		361	100.0	376	100.0

ELIGIBLE TRANSITIONAL BILINGUAL STUDENTS: 1973-74			
Language	Number of Students	Percent of Bilingual Enrollment	
TOTAL	0		
Chinese			
French			
Greek			
Italian			
Portuguese			
Spanish			
Other			

METROPOLITAN PLANNING PROJECT/COMMUNITY PROFILE # 189 MILTON

EDUCATIONAL CHARACTERISTICS

PUBLIC SCHOOL STUDENT ENROLLMENTS: 1964 - 1982					
Past Enrollments: 1964 - 1972					
Projected Enrollments: 1973 - 1982					
School Year Beginning in Fall of	Total K-12 (R ² = .939)	Total K-6 (R ² = .848)	Total 7-12 (R ² = .934)	White K-12 (R ² = .938)	Non-white K-12 (R ² = .787)
1964	3982.00	2014.24	1967.75	3982.00	0.0
1965	3961.00	2005.67	1955.33	3958.00	3.00000
1966	4012.00	2031.50	1980.50	4007.00	5.00000
1967	4075.00	2035.50	2043.49	4073.00	6.00000
1968	4256.00	2095.80	2160.20	4221.00	35.0000
1969	4281.00	2054.12	2226.88	4248.00	33.0000
1970	4421.00	2097.00	2324.00	4392.00	29.0000
1971	4454.00	2103.00	2351.00	4424.00	30.0000
1972	4450.00	2114.00	2336.00	4412.00	38.0000
1973	4574.91	2131.25	2443.66	4529.36	45.5555
1974	4647.76	2145.27	2502.50	4597.07	50.6889
1975	4720.61	2159.28	2561.34	4664.79	55.8222
1976	4793.46	2173.29	2620.18	4732.50	60.9555
1977	4866.31	2187.30	2679.02	4800.22	66.0889
1978	4939.16	2201.31	2737.86	4867.94	71.2222
1979	5012.01	2215.32	2796.70	4935.66	76.3555
1980	5084.86	2229.33	2855.54	5003.37	81.4888
1981	5157.71	2243.34	2914.38	5071.09	86.6222
1982	5230.56	2257.35	2973.21	5138.80	91.7555

METROPOLITAN PLANNING PROJECT/COMMUNITY PROFILE # 189 MILTON

EDUCATIONAL CHARACTERISTICS

SELECTED FINANCIAL CHARACTERISTICS						
Year	% Municipal Tax Dollar Spent on Education	Comprehensive Per Pupil Expenditure (in \$)			Public School Attending Children Transported at Public Expense	
		Total	Elementary School	Junior High School	High School	Computative Equalized Property Valuation per School Attending Child (in \$)
1967-68	43.8	718	545	811	960	35,586
1970-71	43.0	1,013	796	1,044	1,369	38,730
1972-73	44.8	1,282	801	1,244	2,097	44,129

1973 TAX RATE	
Official	Equalized
143.00	37.18

1973 SCHOOL TAX RATE	
Official	Equalized
63.88	16.61

1973 MOODY'S BOND RATING	
Aa	

PUBLIC SCHOOL STUDENTS		
Receiving Subsidized Lunches: 1973-74		
	# of Lunch Program Students	% of Total Enrollment
TOTAL	98	2.2
Free	73	1.6'
Reduced Price	25	0.6

STUDENTS ENROLLED IN METCO		
Year	# METCO Students	% of Total Enrollment
1967-68	0	
1970-71	28	0.6
1972-73	12	0.3
1973-74	11	0.2

METROPOLITAN PLANNING PROJECT/COMMUNITY PROFILE # 189 MILTON

EDUCATIONAL CHARACTERISTICS

PERCENT DISTRIBUTION OF SCHOOL REVENUES: 1967-68; 1970-71; 1972-73									
Year	Total Public School Funds Provided *	Local Sources		Commonwealth Sources		Federal Sources		Other School Districts	
		\$	%	\$	%	\$	%	\$	%
1967-68	3,546,271	3,157,516	89.0	325,351	9.2	57,859	1.6	1,170	0.0
1970-71	5,159,461	4,504,757	87.3	593,981	11.5	69,247	1.3	0	
1972-73	6,342,026	5,354,452	84.4	852,401	13.4	119,071	1.9	0	
Notes: *The amount of Total Public School Funds Provided is not necessarily equal to the total of the Local, Commonwealth, Federal, and Other School District revenues because the total incorporates an adjustment figure reported in the annual budget for the beginning and ending balance.									

ABSOLUTE DOLLAR AND PERCENT CHANGES IN REVENUES: 1967-72										
Changes in Public School Funds Provided 1967-72	Total		Local Sources		Commonwealth Sources		Federal Sources		Other School Districts	
	\$	%	\$	%	\$	%	\$	%	\$	%
	2,795,755	78.8	2,196,936	69.6	527,050	162.0	61,212	105.8	-1,170	-100.0

PERCENT CHANGE IN PROPORTIONAL DISTRIBUTION OF REVENUES: 1967-72				
% Change in Proportional Distribution of Revenue 1967-72	Local Sources		Commonwealth Sources	Other School Districts
	-5.2	45.7	18.8	Undefined

METROPOLITAN PLANNING PROJECT/COMMUNITY PROFILE # 189 MILTON

EDUCATIONAL CHARACTERISTICS

Year	PERCENT DISTRIBUTION OF SCHOOL EXPENDITURES: 1967-68; 1970-71; 1972-73										
	Expenditures by School Committee			Other*		Expenditures for Services provided by Other Municipal Agencies		Expenditures for Regional School Assessments		Expenditures of Federal Funds	
	Administration		Instruction		Other*	Agencies		School Assessments		Federal Funds	
	\$	%	\$	%		\$	%	\$	%	\$	%
1967-68	3,546,271	3.3	2,302,099	64.8	570,868	338,735	9.6	0	0.6	21,445	0.6
1970-71	5,159,461	3.3	3,374,385	65.3	941,105	427,969	8.3	0	0.5	24,202	0.5
1972-73	6,342,026	3.2	3,989,870	62.9	1,358,553	519,762	8.2	0	0.5	33,023	0.5

Changes in Public School Funds Expended 1967-72	ABSOLUTE DOLLAR AND PERCENT CHANGES IN EXPENDITURES: 1967-72										
	Expenditures by School Committee			Other*		Expenditures for Services provided by Other Municipal Agencies		Expenditures for Regional School Assessments		Expenditures of Federal Funds	
	Administration		Instruction		Other*	Agencies		School Assessments		Federal Funds	
	\$	%	\$	%		\$	%	\$	%	\$	%
	85,391	72.8	1,687,771	73.3	787,685	181,027	53.4	0	0.0	11,578	54.0
	2,795,755				138.0					42,303	21.6

Percent Change in Proportional Distribution of Expenditures 1967-72	PERCENT CHANGE IN PROPORTIONAL DISTRIBUTION OF EXPENDITURES: 1967-72										
	Expenditures by School Committee			Other*		Expenditures for Services provided by Other Municipal Agencies		Expenditures for Regional School Assessments		Expenditures of Federal Funds	
	Administration		Instruction		Other*	Agencies		School Assessments		Federal Funds	
	\$	%	\$	%		\$	%	\$	%	\$	%
	-3.0		-2.9		32.9	-14.6		0.0		-16.7	
										-30.9	

Note: *Other includes the following categories: attendance, health service, pupil transportation, food services, athletics, other student-body activities, operation and maintenance of plant, fixed charges, community services, acquisitions of fixed assets, debt retirement and debt services, and programs with other districts.

METROPOLITAN PLANNING PROJECT/COMMUNITY PROFILE # 189 MILTON

EDUCATIONAL CHARACTERISTICS

1970 CENSUS: COUNT OF PERSONS 25 YEARS OF AGE AND OVER BY RACE AND YEARS OF SCHOOL COMPLETED									
Level and Years of School Completed	Total Population		White		Black		Spanish-American		
	#	%	#	%	#	%	#	%	
No School Year Completed	125	0.8	125	0.8	0		0		
Elementary: 1-4 years	121	0.7	121	0.7	0		0		
5-6 years	299	1.8	293	1.8	6	23.1	13	46.4	
7 years	182	1.1	182	1.1	0		0		
8 years	997	6.1	987	6.0	5	19.2	0		
High School: 1-3 years	1,785	10.9	1,785	10.9	0		0		
4 years	6,723	41.1	6,713	41.1	10	38.5	0		
College: 1-3 years	2,471	15.1	2,466	15.1	5	19.2	0		
4 years	1,993	12.2	1,993	12.2	0		7	25.0	
5 years or more	1,662	10.2	1,656	10.1	0		8	28.6	
Total	16,358	100.0	16,321	100.0	26	100.0	28	100.0	

MEDIAN SCHOOL YEARS COMPLETED			
Total Population	White	Black	Spanish-American
12.4	12.4	11.4	15.3

DEMOGRAPHIC CHARACTERISTICS

CENSUS POPULATION INCREASE OR DECREASE: 1960-1970	
1960-70	
Increase (+) or Decrease (-)	+815
% Change 1960-70	
Increase (+) or Decrease (-)	+3.1
Balance of Births to Deaths	
Excess of Births (+)	
Excess of Deaths (-)	-248
Net Migration	
Excess of People Moving In (+)	
Excess of People Moving Out (-)	+1,063

9

DEMOGRAPHIC CHARACTERISTICS

1970 CENSUS: Household Population by Race			
Race	Total Population #	Population in Households	
		#	%
White	27,113	26,440	99.8
Black	34	N.A.	
Other	43	N.A.	
Total	27,190	26,502	100.0

1970 CENSUS: Number of Families by Sex of Family Head				
Family Head	Total Population	White	Black	Spanish-American
Male	5,990	5,980	10	8
Female	835	835	0	0
Total	6,825	6,815	10	8

1970 CENSUS: AGE DISTRIBUTION BY RACE									
Age	Total	White		Non-white		Non-white			
		#	%	#	%	#	%	Black	Other
Under 5	1,417	1,417	5.2	0		0		0	
5 - 9	2,084	2,081	7.7	3	3.9	0		3	7.0
10 - 14	2,672	2,666	9.8	6	7.8	1	2.9	5	11.6
15 - 19	2,812	2,802	10.3	10	13.0	6	17.6	4	9.3
20 - 24	1,849	1,842	6.8	7	9.1	2	5.9	5	11.6
25 - 44	4,639	4,624	17.1	15	19.5	7	20.6	8	18.6
45 - 64	7,620	7,603	28.0	17	22.1	9	26.5	8	18.6
65 and Over	4,097	4,078	15.0	19	24.7	7	20.6	12	27.9
Total	27,190	27,113	100.0	77	100.0	34	100.0	43	100.0

METROPOLITAN PLANNING PROJECT/COMMUNITY PROFILE # 189 MILTON

DEMOGRAPHIC CHARACTERISTICS

1970 CENSUS: NATIVITY AND PARENTAGE					
Nativity	Total Population		White	Black	Spanish-American
	#	%			
Native of Native Parent	16,024	58.9	15,964	34	0
Foreign Stock	11,166	41.1	11,143	11	34
Total	27,190	100.0	27,107	45	34

1970 CENSUS: MOST FREQUENT COUNTRY of Origin of Foreign Stock			
Country of Origin	# of Persons	% Foreign Stock Population	
Ireland	3,289	29.5	
U.S.S.R.	1,609	14.4	
Canada	1,533	13.7	
Italy	990	8.9	

1970 CENSUS: SPANISH POPULATION INDICATORS		
Indicators	# of Persons	% of Total Population
Spanish Origin or Descent	36	0.1
Puerto Rican Birth or Parentage	9	0.0
Spanish Language	34	0.1

1970 CENSUS: MOST FREQUENT MOTHER TONGUES Other Than English		
Mother Tongue	# of Persons	% of Total Population
Yiddish	1,412	5.2
Italian	730	2.7
German	317	1.2
Polish	297	1.1

METROPOLITAN PLANNING PROJECT/COMMUNITY PROFILE # 189 MILTON

ECONOMIC CHARACTERISTICS

1970 CENSUS: NUMBER OF EMPLOYED PERSONS 16 YEARS OLD AND OVER BY OCCUPATION									
Occupation	Total Persons Employed		White		Black		Spanish-American		
	#	%	#	%	#	%	#	%	
Professional, Technical and Kindred Workers	2,758	24.7	2,753	24.7	5	23.8	8	100.0	
Managers and Administrators, except Farm	1,486	13.3	1,481	13.3	5	23.8	0		
Sales Workers	1,100	9.8	1,100	9.9	0		0		
Clerical and Kindred Workers	2,809	25.1	2,798	25.1	5	23.8	0		
Craftsmen, Foremen and Kindred Workers	1,048	9.4	1,048	9.4	0		0		
Operatives, except Transport	429	3.8	429	3.9	0		0		
Transport Equipment Operatives	180	1.6	180	1.6	0		0		
Laborers, except Farm	298	2.7	298	2.7	0		0		
Farmers and Farm Managers	8	0.1	8	0.1	0		0		
Farm Laborers and Foremen	5	0.0	5	0.0	0		0		
Service Workers, except Private Household	952	8.5	952	8.5	0		0		
Private Household Workers	96	0.9	84	0.8	6	28.6	0		
Total	11,169	100.0	11,136	100.0	21	100.0	8	100.0	

METROPOLITAN PLANNING PROJECT/COMMUNITY PROFILE # 189 MILTON

ECONOMIC CHARACTERISTICS

MEDIAN INCOME: 1960 CENSUS; 1970 CENSUS								
Year	Families			Unrelated Individuals				
	All	White	Black	Spanish-American	All	White	Black	Spanish-American
1960	\$8,685	N.A.	N.A.	N.A.	\$1,582	N.A.	N.A.	N.A.
1970	\$14,727	\$4,727	\$15,000	\$20,000	\$2,789	\$2,789	\$1,500	\$1,500

1970 CENSUS: EMPLOYMENT STATUS BY RACE of Persons 16 Years of Age and Over in Labor Force									
Employment Status	Total Population		White		Black		Spanish-American		
	#	%	#	%	#	%	#	%	%
Employed	11,169	97.3	11,136	97.4	21	100.0	8	100.0	
Unemployed	307	2.7	302	2.6	0		0		
Total	11,476	100.0	11,438	100.0	21	100.0	8	100.0	

METROPOLITAN PLANNING PROJECT/COMMUNITY PROFILE # 189 MILTON

ECONOMIC CHARACTERISTICS

1970 CENSUS: Number of Persons in Families and Number of Unrelated Individuals with Income Less Than Poverty Level									
Family Status	Total Population		White		Black		Spanish-American		
	#	%	#	%	#	%	#	%	%
Persons in Families	465	49.6	465	50.5	0		0		
Unrelated Individuals	473	50.4	456	49.5	6	100.0	0		
Total	938	100.0	921	100.0	6	100.0	0		

1970 CENSUS: Number of Related Children Under 18 in Families Below Poverty Level by Presence of Parents									
Parental Presence	Total Population		White		Black		Spanish-American		
	#	%	#	%	#	%	#	%	%
Living with Both Parents	140	1.8	140	1.8	0		0		
Other	43	0.5	43	0.5	0		0		
Total	183	2.3	183	2.3	0		0		

ECONOMIC CHARACTERISTICS

CHARACTERISTICS OF INDUSTRIAL FIRMS: 1967				
Industry	Number of Firms	Annual Payroll in \$	Average Number of Employees	Average Annual Wage in \$
Agriculture and Mining	7	118,456	23	5,150
Construction	71	2,729,594	383	7,127
Manufacturing	11	1,809,598	234	7,733
Transportation, Communication, and Utilities	16	746,215	138	5,407
Wholesale and Retail Trade	68	2,164,753	530	4,084
Finance, Insurance, Real Estate	13	310,579	53	5,860
Service Industries	86	1,313,503	306	4,292
Total	272	9,192,698	1,666	5,518

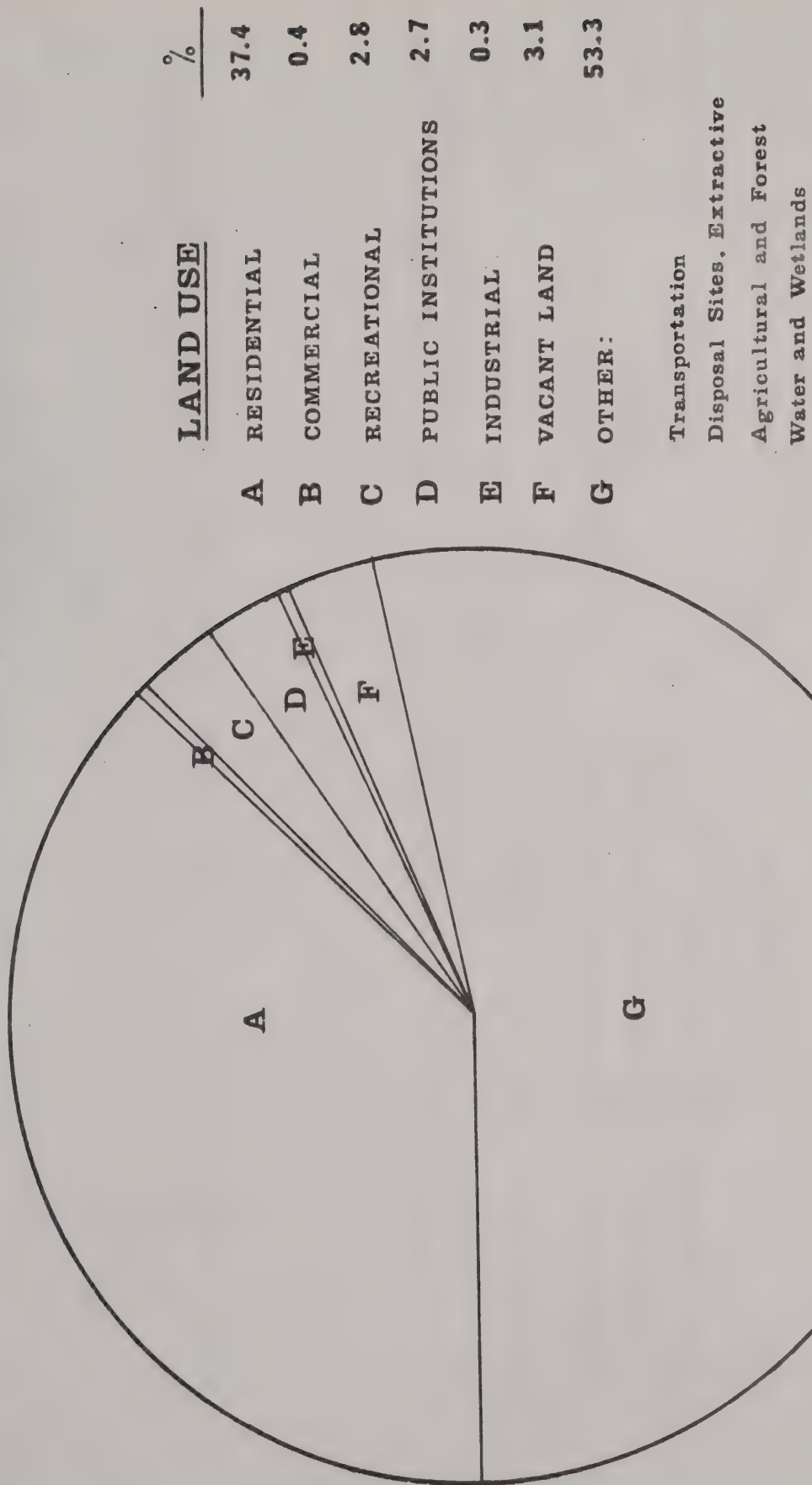
METROPOLITAN PLANNING PROJECT/COMMUNITY PROFILE # 189 MILTON

ECONOMIC CHARACTERISTICS

CHARACTERISTICS OF INDUSTRIAL FIRMS: 1972					
Industry	Number of Firms	Annual Payroll in \$	Average Number of Employees	Average Annual Wage in \$	
Agriculture and Mining	5	123,898	21	5,900	
Construction	69	3,529,398	356	9,914	
Manufacturing	10	3,183,223	276	11,533	
Transportation, Communication, and Utilities	14	1,180,068	131	9,008	
Wholesale and Retail Trade	75	3,165,771	536	5,906	
Finance, Insurance, Real Estate	24	707,931	86	8,232	
Service Industries	102	6,687,674	1,007	6,641	
Total	299	18,577,971	2,413	7,699	

1971 LAND USE PATTERN IN

MILTON



METROPOLITAN PLANNING PROJECT/COMMUNITY PROFILE # 189 MILTON

HOUSING CHARACTERISTICS

1970 CENSUS: SELECTED HOUSING CHARACTERISTICS													
Total Housing Units				Occupied Housing Units					Median Value		Median Contract Rent		
Total		Vacant		Occupied		Total		Owner Occupied		Renter Occupied		Owner Occupied	Unit
#	%	#	%	#	%	#	%	#	%	#	%	\$	\$
8,058	100.0	121	1.5	7,937	98.5	7,937	100.0	6,715	84.6	1,222	15.4	30,500	124

1970 CENSUS: NUMBER OF HOUSING UNITS by Occupancy Status and Race of Head of Household							
Occupancy Status	Total		White Head of Household		Black Head of Household		
	#	%	#	%	#	%	
Owner Occupied	6,715	83.3	6,701	84.6	7	87.5	
Renter Occupied	1,222	15.2	1,219	15.4	1	12.5	
Vacant Year Round	120	1.5	Not Applicable				
Total	8,057	100.0	7,920	100.0	8	100.0	

BUILDING PERMITS ISSUED FOR NEW Dwelling Units: 1960-1971	
Year Issued	Number
1960-1964	330
1965-1970	207
1971	169
Total	706

METROPOLITAN PLANNING PROJECT/COMMUNITY PROFILE #189 MILTON

HOUSING CHARACTERISTICS

NUMBER OF SUBSIDIZED HOUSING UNITS BY TYPE OF UNIT BY CONSTRUCTION STATUS: 1973									
Status	Total Subsidized Units	Low Income Units			Moderate Income Units			MHFA Low-Moderate Income Units	
		Elderly	Family	Leased	Elderly	Family Homeownership	Rental Assistance	Low	Moderate
Completed	139	0	0	0	0	0	0	35	104
Under Construction	0								
In Planning	0								

1970 CENSUS: AGE OF HOUSING UNITS									
Year Built	Total Housing Units		Black Occupied Housing Units		Other Occupied Housing Units		Spanish-American Occupied Housing Units		
	#	%	#	%	#	%	#	%	%
1965-March 1970	266	3.3							
1960-1964	394	4.9							
1950-1959	1,310	16.3							
1940-1949	866	10.7							
1939 or earlier	5,222	64.8							
Total	8,058	100.0	N.A.		N.A.		N.A.		

METROPOLITAN PLANNING PROJECT/COMMUNITY PROFILE # 189 MILTON

HOUSING CHARACTERISTICS

1970 CENSUS: NUMBER OF PERSONS PER ROOM IN OCCUPIED HOUSING UNITS by Race of Head of Household						
Persons per Room	Total Occupied Units		Black Occupied Units		Other Occupied Units	
	#	%	#	%	#	%
1.00 or less	7,747	97.6	8	100.0	7,739	97.6
1.01 to 1.50	178	2.2	0		178	2.2
1.51 or more	12	0.2	0		12	0.2
Total	7,937	100.0	8	100.0	7,929	100.0

1970 CENSUS: TYPE OF HOUSING STRUCTURE			
Type	# of Structures	% of Housing Units	
1 Unit	6,645	82.5	
2 Units	1,183	14.7	
3-4 Units	125	1.6	
5-9 Units	23	0.3	
10 or more Units	82	1.0	
Mobile Home or Trailer	0		
Total	8,058	100.0	

1970 CENSUS: Average Number of Persons per Housing Unit	
Total Occupied Housing Units	3.3
Black Occupied Housing Units	N.A.
Other Occupied Housing Units	N.A.
Spanish-American Occupied Housing Units	N.A.

METROPOLITAN PLANNING PROJECT/COMMUNITY PROFILE # 189 MILTON

HOUSING CHARACTERISTICS

1970 CENSUS: VALUE OF OWNER OCCUPIED HOUSING UNITS BY RACE OF HEAD OF HOUSEHOLD									
	Total Owner		Black Owner		Other Owner		Spanish-American		
	#	%	#	%	#	%	#	%	
Less than \$5,000	0								
\$5,000 - \$7,499	7	0.1							
\$7,500 - \$9,999	17	0.3							
\$10,000 - \$12,499	64	1.1							
\$12,500 - \$14,999	80	1.3							
\$15,000 - \$17,499	147	2.4							
\$17,500 - \$19,999	355	5.8							
\$20,000 - \$24,999	1,091	17.9							
\$25,000 - \$34,999	2,320	38.1							
\$35,000 - \$49,999	1,396	22.9							
\$50,000 and over	611	10.0							
Total	6,088	100.0	N.A.		N.A.				N.A.

METROPOLITAN PLANNING PROJECT/COMMUNITY PROFILE # 189 MILTON

HOUSING CHARACTERISTICS

1970 CENSUS: MONTHLY GROSS RENT BY RACE OF HEAD OF HOUSEHOLD									
Monthly Gross Rent	Total Renter		Black Renter		Other Renter		Spanish-American		
	#	%	#	%	#	%	#	%	
Less than \$30	5	0.4							
\$30 - \$49	0								
\$50 - \$69	6	0.5							
\$70 - \$89	64	5.6							
\$90 - \$119	178	15.5							
\$120 - \$149	154	13.4							
\$150 - \$199	400	34.9							
\$200 - \$249	105	9.2							
\$250 - \$299	29	2.5							
\$300 or more	44	3.8							
No Cash Rent	162	14.1							
Total	1,147	100.0	N.A.		N.A.		N.A.		

School District #189
School # 005

1973-74
School District: Milton
School Name: Collicot
No. & Street: 75 Edge Hill Road
City, State, Zip: Milton, Mass. 02186
Grade Organization: K-6
Facilities:
Initial Construction Date: 1929
Dates of Additions or Changes: 1969
Rooms, Instructional Use: 28
Rooms, Other Uses: 21
TOTAL 49

School District #189	
School # 005	
1973-74	
Federal Programs	
Title I:	
Type of Program:	Reading
# of Students:	30
% School Enrollment:	4.4
Lunch Program:	
# Students, Free:	9
# Students, Reduced Price:	3
TOTAL	12
% School Enrollment:	1.8
Bilingual Program:	
# Eligible Students:	0
% School Enrollment:	
METCO Interdistrict Program:	
# Students:	0
% School Enrollment:	

[illegible]

STUDENT ETHNIC CENSUS: 1973-74							School District # 189 School # 005	
	Total	White	Non-white	Black	Native-American	Asian-American	Spanish Surname	
Number	675	673	2	0	0	0	2	
Percent	100.0	99.7	0.3				0.3	

RACIAL CENSUS: 1967-68, 1970-71, 1972-73					
Years	Total Enrollment	White #	White %	Non-white #	Non-white %
1967-1968	607	606	99.8	1	0.2
1970-1971	638	638	100.0	0	
1972-1973	686	686	100.0	0	

RACIAL CENSUS: ENROLLMENT CHANGE 1967-1972			
	#	%	% Change in Proportional Distribution
TOTAL	+79	+13.0	
White	+80	+13.2	+0.2
Non-white	-1	-100.0	-100.0

ELIGIBLE TRANSITIONAL BILINGUAL STUDENTS: 1973-74		
Language	Number of Students	Percent of Bilingual Enrollment
TOTAL	0	
Chinese		
French		
Greek		
Italian		
Portuguese		
Spanish		
Other		

School District #	189
School #	010

1973-74

School District: Milton

School Name: Glover

No. & Street: 255 Canton Avenue

City, State, Zip: Milton, Mass. 02187

Grade Organization: K-6

Facilities:

Initial Construction Date: 1953

Dates of Additions or Changes: 1967

Rooms, Instructional Use: 17

Rooms, Other Uses: 13

TOTAL 30

1973-74	
Federal Programs	
Title I:	
Type of Program:	Reading
# of Students:	30
% School Enrollment:	7.7
Lunch Program:	
# Students, Free:	16
# Students, Reduced Price:	3
TOTAL	19
% School Enrollment:	4.9
Bilingual Program:	
# Eligible Students:	0
% School Enrollment:	
METCO Interdistrict Program:	
# Students:	0
% School Enrollment:	

[illegible]

School District # 189
School # 010

STUDENT ETHNIC CENSUS: 1973-74					
	Total	White	Non-white	Non-white	
				Black	Native-American Asian-American Spanish Surname
Number	389	388	1	1	0
Percent	100.0	99.7	0.3	0.3	0

RACIAL CENSUS: 1967-68, 1970-71, 1972-73					
Years	Total Enrollment	White		Non-white	
		#	%	#	%
1967-1968	383	383	100.0	0	
1970-1971	441	441	100.0	0	
1972-1973	415	415	100.0	0	

RACIAL CENSUS: ENROLLMENT CHANGE 1967-1972				
	#	%	% Change in Proportional Distribution	
TOTAL	+32	+8.4		
White	+32	+8.4	0.0	
Non-white	0.0	0.0	0.0	

ELIGIBLE TRANSITIONAL BILINGUAL STUDENTS: 1973-74		
Language	Number of Students	Percent of Bilingual Enrollment
TOTAL	0	
Chinese		
French		
Greek		
Italian		
Portuguese		
Spanish		
Other		

METROPOLITAN PLANNING PROJECT/INDIVIDUAL SCHOOL PROFILE

<div> <div>School District # 189</div> <div>School # 015</div> </div>	
1973-74	
Federal Programs	
Title I:	
Type of Program:	
# of Students:	0
% School Enrollment:	
Lunch Program:	
# Students, Free:	10
# Students, Reduced Price:	1
TOTAL	11
% School Enrollment:	1.8
Bilingual Program:	
# Eligible Students:	0
% School Enrollment:	
METCO Interdistrict Program:	
# Students:	0
% School Enrollment:	

1973-74
School District: Milton
School Name: Charles Summer Pierce
No. & Street: Gile Road
City, State, Zip: Milton, Mass. 02186
Grade Organization: K-6
Facilities:
Initial Construction Date: 1952
Dates of Additions or Changes:
Rooms, Instructional Use: 22
Rooms, Other Uses: 22
TOTAL 44

[illegible]

School District # 189
School # 015

STUDENT ETHNIC CENSUS: 1973-74							
	Total	White	Non-white	Non-white			Spanish Surname
				Black	Native-American	Asian-American	
Number	608	599	9	9	0	0	0
Percent	100.0	98.5	1.5	1.5			

RACIAL CENSUS: 1967-68, 1970-71, 1972-73				RACIAL CENSUS: ENROLLMENT CHANGE 1967-1972			
Years	White		Non-white		#	%	% Change in Proportional Distribution
	#	%	#	%			
1967-1968	572	99.3	4	0.7	+18	+3.1	
1970-1971	548	99.6	2	0.4	+14	+2.5	-0.7
1972-1973	590	98.6	8	1.4	+4	+100.0	+100.0

ELIGIBLE TRANSITIONAL BILINGUAL STUDENTS: 1973-74		
Language	Number of Students	Percent of Bilingual Enrollment
TOTAL	0	
Chinese		
French		
Greek		
Italian		
Portuguese		
Spanish		
Other		

METROPOLITAN PLANNING PROJECT/INDIVIDUAL SCHOOL PROFILE

1973-74		School District # 189
Federal Programs		School # 020
Title I:		
Type of Program:		Reading
% of Students:		30
% School Enrollment:		6.6
Lunch Program:		
# Students, Free:		16
# Students, Reduced Price:		7
TOTAL		23
% School Enrollment:		5.1
Bilingual Program:		
# Eligible Students:		0
% School Enrollment:		
METCO Interdistrict Program:		
# Students:		0
% School Enrollment:		

1973-74	
School District:	Milton
School Name:	Tucker
No. & Street:	187 Blue Hill Parkway
City, State, Zip:	Milton, Mass. 02186
Grade Organization:	K-6
Facilities:	
Initial Construction Date:	1924
Dates of Additions or Changes:	
# Rooms, Instructional Use:	22
# Rooms, Other Uses:	11
TOTAL	33

[illegible]

STUDENT ETHNIC CENSUS: 1973-74							School District # 189	School # 020
Total		White	Non-white	Black	Native-American	Asian-American	Spanish Surname	
Number	452	441	11	10	0	1	0	
Percent	100.0	97.6	2.4	2.2		0.2		

RACIAL CENSUS: 1967-68, 1970-71, 1972-73					
Years	Total Enrollment	White #	White %	Non-white #	Non-white %
1967-1968	472	472	100.0	0	
1970-1971	458	457	99.8	1	0.2
1972-1973	419	415	99.0	4	1.0

RACIAL CENSUS: ENROLLMENT CHANGE 1967-1972			
	#	%	% Change in Proportional Distribution
TOTAL	-53	-11.2	
White	-57	-12.1	-1.0
Non-white	+4	Undefined	Undefined

ELIGIBLE TRANSITIONAL BILINGUAL STUDENTS: 1973-74		
Language	Number of Students	Percent of Bilingual Enrollment
TOTAL	0	
Chinese		
French		
Greek		
Italian		
Portuguese		
Spanish		
Other		

School District #	189
School #	405

1973-74	School District:	Milton
	School Name:	Cunningham Jr. High
	No. & Street:	44 Edgehill Road
	City, State, Zip:	Milton, Mass. 02186
	Grade Organization:	7-9
	Facilities:	
	Initial Construction Date:	1935
	Dates of Additions or Changes:	
	# Rooms, Instructional Use:	25
	# Rooms, Other Uses:	21
	TOTAL	46

1973-74 Federal Programs	
Title I:	
Type of Program:	
# of Students:	0
% School Enrollment:	
Lunch Program:	
# Students, Free:	15
# Students, Reduced Price:	4
TOTAL	19
% School Enrollment:	4.0
Bilingual Program:	
# Eligible Students:	0
% School Enrollment:	
METCO Interdistrict Program:	
# Students:	0
% School Enrollment:	

[illegible]

STUDENT ETHNIC CENSUS: 1973-74									School District # 189 School # 405	
			Total	White	Non-white	Non-white			Spanish Surname	
						Black	Native-American	Asian-American		
Number	472			471	1	0	0	0	1	
Percent	100.0			99.8	0.2				0.2	

RACIAL CENSUS: 1967-68, 1970-71, 1972-73					
Years	Total Enrollment	White		Non-white	
		#	%	#	%
1967-1968	438	438	100.0	0	
1970-1971	490	489	99.8	1	0.2
1972-1973	489	489	100.0	0	

RACIAL CENSUS: ENROLLMENT CHANGE 1967-1972			
TOTAL	#	%	% Change in Proportional Distribution
	+51	+11.6	
White	+51	+11.6	0.0
Non-white	0	0.0	0.0

ELIGIBLE TRANSITIONAL BILINGUAL STUDENTS: 1973-74		
Language	Number of Students	Percent of Bilingual Enrollment
TOTAL	0	
Chinese		
French		
Greek		
Italian		
Portuguese		
Spanish		
Other		

METROPOLITAN PLANNING PROJECT/INDIVIDUAL SCHOOL PROFILE

1973-74	
Federal Programs	
Title I:	
Type of Program:	
# of Students:	0
% School Enrollment:	
Lunch Program:	
# Students, Free:	
# Students, Reduced Price:	
TOTAL	0
% School Enrollment:	
Bilingual Program:	
# Eligible Students:	0
% School Enrollment:	
METCO Interdistrict Program:	
# Students:	0
% School Enrollment:	

1973-74	School District:	Milton
	School Name:	Charles S. Pierce Jr. High
	No. & Street:	Gile Road
	City, State, Zip:	Milton, Mass. 02186
	Grade Organization:	7-9
	Facilities:	
	Initial Construction Date:	1958
	Dates of Additions or Changes:	
	# Rooms, Instructional Use:	32
	# Rooms, Other Uses:	30
	TOTAL	62

[illegible]

METROPOLITAN PLANNING PROJECT/INDIVIDUAL SCHOOL PROFILE -- continued/2

STUDENT ETHNIC CENSUS: 1973-74				School District # 189 School # 410			
	Total	White	Non-white	Non-white			Spanish Surname
				Black	Native-American	Asian-American	
Number	596	586	10	4	1	0	5
Percent	100.0	98.3	1.7	0.7	0.2		0.8

RACIAL CENSUS: 1967-68, 1970-71, 1972-73					
Years	Total Enrollment	White #	White %	Non-white #	Non-white %
1967-1968	596	544	100.0	0	
1970-1971	615	614	99.8	1	0.2
1972-1973	609	605	99.3	4	0.7

RACIAL CENSUS: ENROLLMENT CHANGE 1967-1972			
	#	%	% Change in Proportional Distribution
TOTAL	+65	+11.9	
White	+61	+11.2	-0.7
Non-white	+ 4	Undefined	Undefined

ELIGIBLE TRANSITIONAL BILINGUAL STUDENTS: 1973-74		
Language	Number of Students	Percent of Bilingual Enrollment
TOTAL	0	
Chinese		
French		
Greek		
Italian		
Portuguese		
Spanish		
Other		

METROPOLITAN PLANNING PROJECT/INDIVIDUAL SCHOOL PROFILE

1973-74	School District # 189
School District:	School # 505
School Name:	
No. & Street:	
City, State, Zip:	
Grade Organization:	
Facilities:	
Initial Construction Date:	
Dates of Additions or Changes:	
# Rooms, Instructional Use:	
# Rooms, Other Uses:	
TOTAL	

1973-74	School District:	Milton
School Name:	Milton High	
No. & Street:	Brook Road at Central	
City, State, Zip:	Milton, Mass.	02186
Grade Organization:	10-12	
Facilities:		
Initial Construction Date:	1909	
Dates of Additions or Changes:	1917, 1926, 1955	
	1964	
# Rooms, Instructional Use:	64	
# Rooms, Other Uses:	50	
TOTAL	114	

STAFF ETHNIC CENSUS: 1973-74													
Professional Staff	Census		Age				Years in Present System			Position			
	#	%	Under 26	26-34	35-55	56 & Over	Under 3	3-9	10 & Over	Administrators	Teachers	Teacher Aides	Other Professionals
TOTAL	104	100.0	8	28	48	13	20	47	30	10	78	0	16
White	93	89.4	8	24	41	13	16	43	27	10	68	0	15
Black	0		0	0	0	0	0	0	0	0	0	0	0
Spanish Surname	0		0	0	0	0	0	0	0	0	0	0	0
Asian-American	0		0	0	0	0	0	0	0	0	0	0	0
Native-American	0		0	0	0	0	0	0	0	0	0	0	0
Other	1	1.0	0	0	1	0	0	0	1	0	1	0	0

METROPOLITAN PLANNING PROJECT/INDIVIDUAL SCHOOL PROFILE -- continued/2

STUDENT ETHNIC CENSUS: 1973-74							School District # 189 School # 505	
		Total	White	Non-white	Black	Non-white		Spanish Surname
						Native-American	Asian-American	
Number	1,248		1,224	24	22	1	1	0
Percent	100.0		98.1	1.9	1.8	0.1	0.1	

RACIAL CENSUS: 1967-68, 1970-71, 1972-73					
Years	Total Enrollment	White		Non-white	
		#	%	#	%
1967-1968	1063	1062	99.9	1	0.1
1970-1971	1186	1160	97.8	26	2.2
1972-1973	1242	1220	98.2	22	1.8

RACIAL CENSUS: ENROLLMENT CHANGE 1967-1972			
	#	%	% Change in Proportional Distribution
TOTAL	+179	+16.8	
White	+ 58	+5.5	-0.7
Non-white	+ 21	+2100.0	+1700.0

FOLLOW UP OF HIGH SCHOOL GRADUATES: 1968, 1972				
Post High School Placement	Class of			
	1968		1972	
	#	%	#	%
4-yr. State College	45	12.5	72	19.1
4-yr. Other College	144	39.9	129	34.3
2-yr. State College	16	4.4	39	10.4
2-yr. Other College	61	16.9	28	7.4
Nurses Training	7	1.9	2	0.5
Other Post Secondary	17	4.7	23	6.1
Military	22	6.1	2	0.5
Work	34	9.4	69	18.4
Other	15	4.2	12	3.2
TOTAL	361	100.0	376	100.0

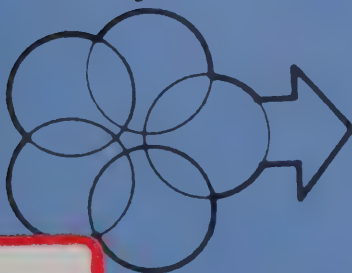
ELIGIBLE TRANSITIONAL BILINGUAL STUDENTS: 1973-74		
Language	Number of Students	Percent of Bilingual Enrollment
TOTAL	0	
Chinese		
French		
Greek		
Italian		
Portuguese		
Spanish		
Other		

METRO WAYS TO UNDERSTANDING

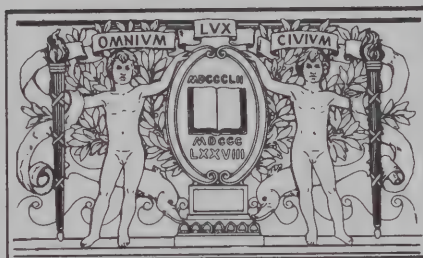
A PLAN FOR THE VOLUNTARY ELIMINATION OF
RACIAL AND ETHNIC ISOLATION IN THE SCHOOLS
OF THE BOSTON METROPOLITAN AREA

VOLUME III COMMUNITY PROFILES

TOWN OF
NAHANT



THE METROPOLITAN PLANNING PROJECT



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//METRO WAYS TO UNDERSTANDING:

A Plan for the Voluntary Elimination of
Racial and Ethnic Isolation in the Schools of
The Boston Metropolitan Area

VOLUME III THE COMMUNITY PROFILES

Community Profile # 196
Town of Nahant

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1973-74

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1973-74

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ABSTRACT

The Metropolitan Planning Project is a collaborative effort of 17 school districts supported by an additional 39 approving school districts within the Boston Metropolitan Area. Its mandate is to develop a Ten Year Plan for the phased elimination of racial and ethnic isolation in the area's schools through voluntary school district collaboration. The Project is funded by the U.S. Office of Education under the Emergency School Aid Act of 1972.

METROWAYS TO UNDERSTANDING: A Plan for the Voluntary Elimination of Racial and Ethnic Isolation in the Schools of the Boston Metropolitan Area is a phased Ten Year Plan which is a result of the process that the Metropolitan Planning Project has undergone during this year of planning. The Project has worked to achieve effective community participation in an effort to design quality learning environment programs for students. As a result of a city and suburban exchange of ideas, the Metropolitan Planning Project has helped to promote the development of over 78 proposals in 32 cities and towns for the design of new innovative learning environments. With a \$300,000 allocation for pilot programming, 14 pilot projects were funded to test MPP objectives. The projects included students from pre-kindergarten through high school age. The focus ranged from American history, art, ecology, energy, comparative life styles to Afro-American, Hispanic, Native-American, and Chinese-American cultures.

The Project has also compiled extensive data on the educational, demographic, housing, fiscal, socio-economic, land use and ethnic and racial characteristics of the 78 towns and cities in the greater Boston standard metropolitan statistical area (SMSA). This information was developed as a needs analysis and resource inventory and has been utilized in the development of the recommended educational programs. It provides the basis for program implementation. The Ten Year Plan METROWAYS TO UNDERSTANDING is aimed at promoting voluntary collaboration between urban and suburban school districts and includes the involvement of students, parents, teachers, school principals, superintendents, community organizations and others concerned with education.

During the 1974-75 school year, the Metropolitan Planning Project will pilot some of the policy recommendations developed through this participatory planning process. These recommendations include:

METROPATHWAYS - Quality innovative educational programs which will be accessible to secondary school students of different socio-economic, racial, and ethnic background within the metropolitan area by utilizing mass transit routes.

METROPAIRWAYS - Parents and school personnel from pairs or triads of city and suburban districts will meet to formulate educational programs of equal benefit to the students. Learning centers will be developed in two or three schools and each will serve as a supplement to the educational quality of each individual school.

METROETHNIC HERITAGE RESOURCE CENTERS - These will be coordinated within METROCENTER and will promote the study, compilation, production and distribution of materials and information related to minorities and ethnic groups of the SMSA. It will also be an action program for the development of other resource centers in the metropolitan area.

METROCENTER FOR COMMUNICATIONS, COUNSELLING, AND RESOURCE DEVELOPMENT - This center will coordinate the metropolitan educational programs and serve as an information and resource "bank" for students, parents, community groups and educators throughout the metropolitan area who wish to be involved in urban-suburban educational programs and staff development programs aimed at eliminating racial and ethnic isolation of students.

ACKNOWLEDGEMENT

I wish to thank Dr. Forbes Bottomly for his encouragement and support of this research approach; Edward Feinman and Leslie S. May who, together with the Support Research Staff and myself, developed the analyses in Volume II RESOURCES FOR IMPLEMENTATION and Volume III COMMUNITY PROFILES. Our grateful appreciation to Mrs. Helen Taggart who formatted and typed the research materials.

Marcia Marker Feld,
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Dr Forbes Bottomly

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INTRODUCTION TO THE NOTES AND SOURCES FOR THE COMMUNITY PROFILES

The Community Profiles were developed for the 78 municipalities that comprise the study area of the Metropolitan Planning Project (MPP). The study area is defined as the 1963 Boston standard metropolitan statistical area (SMSA) boundaries. The Profiles were prepared to meet the mandate of Objective B of the Support Research component of the MPP proposal. This mandate is:

To develop profiles and analysis of social, ethnic, economic, and educational characteristics of the metropolitan area and of its individual communities.

The purpose of these profiles are to serve as the data base for the Ten Year Plan and to develop information for the implementation of educational programs through the analyses of the interaction between the education system and related urban functional systems.

A Community Profile was developed for each of the following cities and towns:

Arlington	Lexington	Randolph
Ashland	Lincoln	Reading
	Lynn	Revere
Bedford	Lynnfield	Rockland
Belmont		
Beverly	Malden	Salem
Boston	Manchester	Saugus
Braintree	Marblehead	Scituate
Brookline	Marshfield	Sharon
Burlington		Sherborn
	Medfield	Somerville
Cambridge	Medford	Stoneham
Canton	Melrose	Sudbury
Chelsea	Middleton	Swampscott
Cohasset	Millis	
Concord	Milton	Topsfield
Danvers	Nahant	Wakefield
Dedham	Natick	Walpole
Dover	Needham	Waltham
Duxbury	Newton	Watertown
	Norfolk	Wayland
Everett	North Reading	Wellesley
	Norwell	Wenham
Framingham	Norwood	Weston
		Westwood
Hamilton	Peabody	Weymouth
Hanover	Pembroke	Wilmington
Hingham		Winchester
Holbrook	Quincy	Winthrop
Hull		Woburn

There are also Profiles for each of the following regional school districts:

Dover-Sherborn

Experimental School System of the Commonwealth of Massachusetts

Hamilton-Wenham

Lincoln-Sudbury

North Shore Regional Vocational

The information in the Community Profiles assess the needs and resources of each community. It is helpful in planning for the future of each school system as well as in the development of educational curricula and programs. These will utilize school and community based resources for metropolitan educational programs for the elimination of racial and ethnic student isolation in the school districts of the SMSA. More detailed analyses of each of these communities, including a series of tables comparing these school districts and an "Analyses of Grouped Communities", are found in earlier Volumes.

These notes were prepared so that persons interested in obtaining further detailed information or in updating present data can easily do so. The source of the information and where it is located is given for each table. Non-classified government information is available by public law to all persons. This includes individual public school records as well as municipal, county, state, and federal data.

There are two sections of the Community Profiles. The first section, Community Profiles, displays educational and educational-related information about the community. The second section, Individual School Profiles, displays educational information about each individual school in the district. The page number at the beginning of a table corresponds to the page number of the Community Profile. Each Individual School Profile is 2 pages and notes for the tables are consistent with this format.

NOTES AND SOURCES FOR THE COMMUNITY PROFILES

EDUCATIONAL CHARACTERISTICS

PAGE 1 - NUMBER OF SCHOOLS AND ENROLLMENT

By Type of School: 1973-74

The information on the total number of schools in a school district, as well as the number of Elementary, Junior High, High Schools, Special and Ungraded, Regional, and Vocational Schools in a district, were obtained from the Massachusetts State Department of Education, Bureau of Educational Information Services, Massachusetts School Directory 1973-74. This publication lists the name, address, and grade organization of each school in the Commonwealth. It notes which schools are Special, Ungraded, Regional, or Vocational. Elementary Schools are those schools composed of one or all the grades K through 5 or grades K through 6. Junior High Schools are those schools composed of one or all the grades 6 through 8; schools with grades 5-6, 5-7, 5-8, and 7-9 are counted as Junior High Schools. High Schools are those schools composed of one or all of the grades 9 through 12.

The "Total", "White", and "Non-white" enrollments for each type of school were obtained from a survey conducted by the Massachusetts State Department of Education, Division of Research, Planning, and Evaluation, Enrollment by Classification, Exhibit II, 1973-74. The enrollments for all Elementary Schools, Junior High Schools, High Schools, Special and Ungraded Schools, Regional Schools, and Vocational Schools in a school district which is recorded in this table were totalled by the Metropolitan Planning Project (MPP) support research staff.

PAGE 1 - SCHOOL ATTENDING CHILDREN IN PUBLIC and Non-public Schools

This information was obtained from the Commonwealth of Massachusetts, Annual Report of the State Department of Education for the Year Ending June 30, 1968; Annual Report ... June 30, 1971; and Annual Report ... June 30, 1973. The percentage of "Public" and "Non-public" school attending children were calculated by the MPP support research staff.

PAGE 1 - EDUCATIONAL COLLABORATIVE PARTICIPATION 1973-74

The educational collaboratives listed in this table were found in the following sources:

The Massachusetts State Department of Education, Bureau of Educational Information Services, Massachusetts School Directory, 1973-74; Institute for Educational Services, Inc., "Survey on Collaboration", 1971; Metropolitan Planning Project Support Research Component Telephone Survey, 1974; Massachusetts State Department of Education, Division of Curriculum and Instruction, Kaleidescope 7, 1973,

Other educational collaboratives in the Boston metropolitan area were not available from these sources.

PAGE 1 - 1970 CENSUS: SCHOOL ENROLLMENT FOR
Level and Type of School by Race
(Population 3 - 34 years)

This information was obtained from the United States Department of Commerce, Bureau of the Census, 1970 Census of Population and Housing. U.S. Census information is available in published monographs, which are available at libraries and governmental agencies, and on computer tapes. The data on computer tape is organized into sequences and each sequence is referred to as a "count". Within each "count", the data is subdivided into tables, and each table has been given a number and title. The information in this table was obtained from the 4th Count Population Summary Tapes for Massachusetts, Table 38, "Population 3 Years Old and Over Enrolled in School by Level and Type of School." This information was based on a 15 percent sample survey. The percentages may not add up to 100 percent because of rounding. An N.A. indicates that this information was not available for the school district. The "Spanish-American" category includes people who are both "White" and "Black" according to the Census definition so that the total of the "White", "Black" and "Spanish-American" columns will never equal the "Total" population column.

PAGE 1 - FEDERALLY-FUNDED PROGRAMS: 1973-74

The information on Title I students in each school district was obtained from the Massachusetts State Department of Education, Division of Curriculum and Instruction, Bureau of Curriculum Services, Title I ESEA, "Unpublished Title I Program Documents, 1973-74". The Title III information was obtained from the Massachusetts State Department of Education, Division of Curriculum and Instruction, Bureau of Curriculum Services, Title III ESEA, Kaleidescope 7, 1973 and the Metropolitan Planning Project support research staff telephone survey of Title III Program Directors, July-August, 1974. The percent total enrollment was calculated by dividing the number of students in Title I and III programs by the total number of students in the district during the 1973-74 school year. The total number of students was obtained from the Massachusetts

State Department of Education, Division of Research, Planning, and Evaluation, Enrollment by Classification, Exhibit II, 1973-74. This is the same total that appears in the "Student Ethnic Census: 1973-74" table on page 2.

The Title I and Title III programs are funded by the U.S. Office of Education and were enacted by the U.S. Congress as part of the 1965 Elementary and Secondary Education Act (ESEA). The Title I program provides assistance for "educationally deprived and neglected and delinquent children." The Title III program "supports proposals to advance creativity in education."

PAGE 2 - RACIAL CENSUS: 1967-68; 1970-71; 1972-73

The information on the "Total", "White", and "Non-white" enrollments for these three school years was obtained from the Massachusetts State Department of Education, Division of Research, Planning, and Evaluation, Racial Census, October, 1967; Racial Census, October, 1970; and Racial Census, October, 1972. The Racial Census does not indicate which students were considered "White" and which were considered "Non-white".

PAGE 2 - RACIAL CENSUS: ENROLLMENT CHANGE 1967-1972

These figures were calculated from the previous table by the MPP support research staff. The figures under the number sign (#) column were calculated by subtracting from the "Total", "White" or "Non-white" enrollment for the 1972-73 school year the "Total", "White" or "Non-white" enrollment for the 1967-68 school year. For example, if the 1972-73 total enrollment was 100 students and the 1967-68 enrollment was 50 students, the enrollment change would be +50(100-50) and this figure would appear in the appropriate box. The figures under the percent (%) column were derived by dividing the difference between the 1972-73 and 1967-68 enrollment by the 1967-68 enrollment. If the difference, for example, between the 1972-73 and 1967-68 enrollments was +50 and the 1967-68 enrollment was 50, the percent change would be +100 (+50/50). The figures under the "% Change in Proportional Distribution" column were calculated as follows:

The "% White" (or "% Non-white") for 1972-73 was subtracted from the "% White" (or "% Non-white") for 1967-68.

This difference was divided by the "% White"(or "% Non-white") for 1967-68 and this is the figure that was recorded. For example, if the "% White" in 1967-68 was 75% and the "% White" in 1972-73 was 50%, the "% Change in Proportional Distribution" would be calculated as follows:
 $(50-75)/75 = (-25)/75 = -0.33$.

Since the percent "Total Enrollment" is always 100%, no "% Change in Proportional Distribution" was calculated or recorded for "Total Enrollment". If there is a percent change from 0 to any number the "% Change in Proportional Distribution" is mathematically undefined. This is noted by the word "Undefined".

PAGE 2 - STUDENT ETHNIC CENSUS: 1973-74

This information was obtained from the Massachusetts State Department of Education, Division of Research, Planning, and Evaluation, Enrollment by Classification, Exhibit II, 1973-74. The figures in the "White" column include white students and students of racial backgrounds other than "Black", "Native-American", "Asian-American", and "Spanish Surname". "Spanish Surname" students were placed in the "Non-white" category.

PAGE 2 - FOLLOW-UP OF HIGH SCHOOL GRADUATES: 1968; 1972

The information on the post high school placement of 1968 graduates was obtained from the Massachusetts State Department of Education, Division of Research, Planning, and Evaluation, Distribution of Graduating Class, 1969. The number of students in each of the various placement categories may not equal the total number of high school graduates because information on all placements was not available. Some of the school districts are members of regional high schools so that information on their high school students would be included in the regional high school data. There is, therefore, no information recorded for the following school districts (the name of the regional high school their students attend is in parentheses):

Concord (Concord-Carlisle Regional High School)
Dover (Dover-Sherborn Regional High School)
Hamilton (Hamilton-Wenham Regional High School)
Lincoln (Lincoln-Sudbury Regional High School)
Middleton (Masconomet Regional High School)
Nahant (all Nahant high school students attend high schools in Lynn)
Norfolk (King Philip Regional High School)
Sherborn (Dover-Sherborn Regional High School)
Sudbury (Lincoln-Sudbury Regional High School)
Topsfield (Masconomet Regional High School)
Wenham (Hamilton-Wenham Regional High School)

If there was no information available on high school graduates in a particular district, this is noted by an N.A. in the first column (under the # sign). The information on the 1972 graduates was obtained from the Massachusetts State Department of Education, Division of Research, Planning, and Evaluation, Distribution of High School Graduates, Class of 1972, Fall 1973. The districts which sent their high school students to regional schools in 1968 remained the same and, therefore, no information on 1972 high school graduates for these districts is recorded. In addition to these districts, there will be no information for Pembroke since their high school students now attend Silver Lake Regional High School. The percentages in the 1972 column may not add up to 100% because of rounding.

PAGE 2 - ELIGIBLE TRANSITIONAL BILINGUAL STUDENTS: 1973-74

The number of students eligible for a transitional bilingual program was obtained from the Massachusetts State Department of Education, Bureau of Transitional Bilingual Education, Census of Children of Limited English Speaking Ability on October 1, 1973, under Chapter 71A, Act of 1971. This Census of all public school students is conducted each year in order to determine how many students are of limited English speaking ability as defined in Chapter 71A and, thus, eligible for transitional bilingual classes. The "Percent of Bilingual Enrollment" was calculated by the MPP support research staff by dividing the number of students in each language category, such as "Chinese" or "French" by the "Total" number of eligible bilingual students.

PAGE 3 - PUBLIC SCHOOL STUDENT ENROLLMENTS: 1964 - 1982

Past Enrollments: 1964 - 1972

Projected Enrollments: 1973 - 1982

This information was prepared for the Metropolitan Planning Project by the Organization for Social and Technical Innovation, Inc. (OSTI).

These enrollment projections are based on time-series enrollment data from 1964 through 1972, obtained from the Massachusetts State Department of Education, Division of Research, Planning and Evaluation. The source of the historical enrollment data for the forecast categories "Total K-12", "Total K-6", "Total 7-12", "White K-12" and "Non-white K-12" was the superintendent's report entitled Census Report.

The numbers in parentheses under each forecast category represents the R^2 (coefficient of determination) for that particular projected enrollment series. It is presented to indicate a rough sense of the reliability of each forecast -- R^2 's of .8 or .9 are very reliable, R^2 's of .5, .6, or .7 are good, and R^2 's of .4 or less are unreliable. When the projections for subcategories (for example, "White K-12" and "Non-white K-12" are subcategories of "Total K-12") are totaled, they do not necessarily equal the projected enrollment figures for the total category. This is because each forecast category was projected independently from the others and the projections selected are not necessarily each derived from the same mathematical equation, since the best projection was selected for each forecast category largely independent of the projections selected for other forecast categories.

School districts with no projections presented or particular forecast categories left blank means the projection here was entirely unsuccessful, sometimes for mathematical reasons, sometimes because of missing years of historical data, and sometimes because of almost certain incorrect historical enrollment data.

PAGE 4 - NUMBER OF TEACHERS BY RACE: 1972-73

This information was obtained from the U.S. Department of Health, Education, and Welfare, Office for Civil Rights, Directory of Public Elementary and Secondary

Schools in Selected Districts, Enrollment and Staff by Racial/Ethnic Group, Fall, 1974. Since this information was collected from selected school districts, data was only available for 68 of the 83 Boston metropolitan area districts. MPP support research staff contacted the remaining districts to complete the survey. The following school districts provided this information:

Cohasset
Dover
Dover-Sherborn Regional High School
Experimental School System of the Commonwealth of Massachusetts
Hamilton-Wenham Regional High School
Holbrook
Manchester
Nahant
Topsfield
Wenham

An N.A. indicates that this information was not available for the school district. Spanish Surname teachers were placed in the "Non-white" category.

PAGE 4 - NUMBER OF TEACHERS, TEACHER-AIDES, AND OTHER PROFESSIONAL STAFF: 1973-74

This information was obtained from the U.S. Equal Employment Opportunity Commission, Elementary-Secondary Staff Information (EEO-5), October 1, 1973. Since this information was collected on a selected school district basis, the MPP support research staff surveyed the remaining districts to obtain this information. The following school districts provided this information:

Ashland
Beverly
Braintree
Cohasset
Experimental School System of the Commonwealth of Massachusetts
Framingham
Hamilton-Wenham Regional High School
Manchester
Medfield
Medford
Middleton
Millis
Nahant
Norfolk
Pembroke
Saugus
Sherborn
Sudbury
Topsfield
Walpole

The "Other Professional Staff" category include the following staff positions: Officials, Administrators, Managers, Principals, Assistant Principals, Guidance Personnel, Psychologists, Librarians, Supervisors of Instruction, and all other professional staff. An N.A. indicates that this information was not available for the school district.

PAGE 5 - SELECTED FINANCIAL CHARACTERISTICS

The information on "% Municipal Tax Dollar Spent on Education" was obtained from the Commonwealth of Massachusetts, Annual Report of the Department of Education for the Year Ending June 30, 1968; Annual Report ... June 30, 1971; Annual Report ... June 30, 1973.

The "% Municipal Tax Dollar Spent on Education" was calculated by the MPP support research staff by dividing the school tax rate by the general tax rate. For example, if the school tax rate in a town was \$24 and the total tax rate was \$48, the "% Municipal Tax Dollar Spent on Education" would be 50% (24/48).

The information on "Comprehensive Per Pupil Expenditure" was obtained from the Massachusetts State Department of Education, Division of Research, Planning, and Evaluation, Per Pupil Expenditures 1967-68; Per Pupil ... 1970-71; Per Pupil ... 1972-73. This per pupil expenditure is the integrated per pupil cost for the Regular Day, Vocational Day, and Special Education Programs and pro-rated Regional School Expenditures divided by the average membership of students in those programs.

The information on "Public School Attending Children Transported at Public Expense" was obtained from the Commonwealth of Massachusetts, Annual Report of the Department of Education for the Year Ending June 30, 1968; Annual Report ... June 30, 1971; Annual Report ... June 30, 1973. Discrepancies may appear in this table because the data received was unaudited.

The information on "Computative Equalized Property Valuation per School Attending Child" was obtained from the Massachusetts State Department of Education, Division of Research, Planning, and Evaluation, School Aid to Massachusetts Cities and Towns, (Chapter 70 Amended), 1967-68; School Aid ... 1970-71; School Aid ... 1972-73. Computative equalized property valuation for any one year is equal to the equalized property valuation the previous calendar year divided by the number of school attending children for that school year. For example, the computative equalized valuation for 1967-68 is derived by dividing the equalized property valuation for 1966 by the number of school attending children for 1967-68.

PAGE 5 - TAX RATE

This information was obtained from the Massachusetts Teachers Association, Background Data for Massachusetts School Districts 1973, Research Bulletin 734-9, 1973. The official tax rate is equal to a city or town's budget needs divided by the assessed value (tax rate=budget needs/assessed value). The equalized

tax rate is equal to the town's budget needs divided by the true market value of property in a city or town, as determined by the Massachusetts Department of Corporations and Taxation (equalized tax rate=budget needs/full market value). The tax rate indicates the number of dollars per \$1,000 of assessed valuation a person or corporation would be taxed on property owned.

PAGE 5 - SCHOOL TAX RATE

This information was obtained from the Massachusetts Teachers Association, Background Data for Massachusetts School Districts 1973, Research Bulletin 734-9, 1973. The official school tax rate is equal to a city or town's school budget needs divided by the assessed value (school tax rate=school budget needs/assessed value). The equalized school tax rate is equal to the town's school budget needs divided by the true market value of property in a city or town, as determined by the Massachusetts Department of Corporations and Taxation (equalized school tax rate=school budget needs/full market value). The school tax rate indicates the number of dollars per \$1,000 of assessed valuation a person or corporation would be taxed on property owned.

PAGE 5 - 1973 MOODY'S BOND RATING

This information was obtained from Moody's Investor Service, Moody's Bond Record, December 1973. The bonds were rated by Moody's Investor Service in the following order, with the first rating assigned to the bonds judged to be of highest quality and the last rating assigned to bonds judged to be of lowest quality:

Aaa	Baa	Caa
Aa	Ba	Ca
A	B	C

The bonds in the A and Baa groups which Moody's determined had the strongest investment attributes were designated by the symbols A-1 and Baa-1.

PAGE 5 - PUBLIC SCHOOL STUDENTS Receiving Subsidized Lunches: 1973-74

This information was obtained from the Massachusetts State Department of Education, Bureau of Nutrition Education and School Food Services Education, "Average Number of Lunches Served to Needy". The figures in this table was calculated by taking the number of needy students served lunches in a school during the month of January, 1974 and dividing this number of the number of days schools were opened that month. The average number of lunches served per day in each school were totalled by the MPP support research staff to develop the school district totals.

The "% of Total Enrollment" was calculated by dividing the number of lunch program students by the 1973-74 total school district enrollments obtained from the Massachusetts State Department of Education, Division of Research, Planning and Evaluation, Enrollment by Classification, Exhibit II, 1973-74.

PAGE 5 - STUDENTS ENROLLED IN METCO

The information on the number of METCO (Metropolitan Council for Educational Opportunities, Inc.) students during the 1967-68 school year was obtained from the Massachusetts State Department of Education, Bureau of Equal Education Opportunity, "Recommendations for Funding of Plans Submitted Under Chapter 506 of the Acts of 1966," 1968. The 1970-71 information was obtained from the Massachusetts State Department of Education, Bureau of Equal Educational Opportunity, "Fiscal Report, METCO 1970-71 Program". The 1972-73 information was obtained from the Massachusetts State Department of Education, Bureau of Equal Educational Opportunity, "Memorandum to Rae Cecilia Kipp [Chairman, State Board of Education] from Charles L. Glenn and Cecilia M. DiBella, August 22, 1972. Subject: METCO Program for 1972-73." The information for the 1973-74 school year was obtained from the METCO files "Unpublished Student Enrollment Records", August, 1974. This information was obtained on a school by school basis; the schools figures were totalled by the MPP support research staff to develop the school district totals.

The "% of Total Enrollment" for the 1967-68; 1970-71; and 1972-73 school years were calculated by dividing the number of METCO students by the total number of students for that particular year. The total number of students for those school years were obtained from the Massachusetts State Department of Education, Division of Research, Planning, and Evaluation, Racial Census, October, 1967; Racial ... 1970; Racial ... 1973. The "% of Total Enrollment" for the 1973-74 school year was calculated by dividing the "# METCO Students" by the 1973-74 district enrollments obtained from the Massachusetts Department of Education, Division of Research, Planning and Evaluation, Enrollment by Classification, Exhibit II, 1973-74. METCO is a state funded interdistrict transfer program which transports children from Boston to suburban school districts.

PAGE 6 - PERCENT DISTRIBUTION OF SCHOOL REVENUES: 1967-68; 1970-71; 1972-73

This information was obtained from the Commonwealth of Massachusetts, Annual Report of the Department of Education for the Year Ending June 30, 1968; Annual Report ... June 30, 1971; Annual Report ... June 30, 1973. The percentages were calculated by the MPP support research staff. The percentages may not add up to 100 percent because of rounding.

PAGE 6 - ABSOLUTE DOLLAR AND PERCENT CHANGES IN REVENUES: 1967-72

These figures were calculated from the previous table. The dollar (\$) "Changes in Public School Funds Provided 1967-72" were calculated by subtracting the 1972-73 dollar amounts for "Total Funds Provided", "Local Sources", and remaining categories from the 1967-68 dollar amounts. For example, if the total public school funds provided in 1972-73 were \$100,000 and the funds provided in 1967-68 were \$50,000, the absolute dollar change in revenues would be \$50,000 (\$100,000-\$50,000). The percent changes in revenues was calculated by dividing the difference

between the 1972-73 and 1967-68 funds provided by the 1967-68 amount. For example, if the 1972-73 total funds provided were \$100,000 and the 1967-68 funds provided were \$50,000, the percent "Change in Funds Provided" would be equal to $(\$100,000 - \$50,000) / \$50,000 = \$50,000 / \$50,000 = +100\%$. If there were no funds provided during 1967-68 for any of the categories, the percent change in revenues is mathematically undefined. This is noted by the word Undefined.

PAGE 6 - PERCENT CHANGE IN PROPORTIONAL DISTRIBUTION OF REVENUES: 1967-72

These figures were calculated from the first table on page 6. The "Percent Change in Proportional Distribution of Revenues" was derived as follows:

The percent of revenues from "Local Sources", "Commonwealth Sources", and remaining categories for the 1967-68 school year was subtracted from the 1972-73 school year figures then this difference was divided by the percent "Local Sources", "Commonwealth Sources", and remaining categories for the 1967-68 school year.

For example, if the percent of revenues from local sources in 1967-68 were 50% and the percent of revenues from local sources in 1972-73 were 75%, the "Percent Change in Proportional Distribution of Revenues: 1967-72" would equal $(75-50)/50 = 25/50 = +50\%$. If there is a percent change from 0 to any number, the "Percent Change in Proportional Distribution" is mathematically undefined. This is noted by the word Undefined.

PAGE 7 - PERCENT DISTRIBUTION OF SCHOOL EXPENDITURES: 1967-68; 1970-71; 1972-73

This information was obtained from the Commonwealth of Massachusetts, Annual Report of the Department of Education for the Year Ending June 30, 1968; Annual Report ... June 30, 1971; Annual Report ... June 30, 1973. The percentages were calculated by the MPP support research staff. The percentages may not add up to 100 percent because of rounding.

PAGE 7 - ABSOLUTE DOLLAR AND PERCENT CHANGES IN EXPENDITURES: 1967-72

These figures were calculated from the previous table. The dollar (\$) "Changes in Public School Funds Expended 1967-72" were calculated by subtracting the 1972-73 dollar amounts for "Total Public School Funds Applied", "Administration", and remaining categories from the 1967-68 dollar amounts. For example, if the "Total Public School Funds Applied" in 1972-73 were \$100,000 and the funds applied in 1967-68 were \$50,000, the absolute dollar change in expenditures would be \$50,000 ($\$100,000 - \$50,000$). The percent changes in expenditures was calculated by dividing the difference between the 1972-73 and 1967-68 funds expended by the 1967-68 amount. For example, if the 1972-73 total funds expended were \$100,000 and the 1967-68 funds expended were \$50,000, the percent "Changes in Public School Funds Expended" would be equal to $(\$100,000 - \$50,000) / \$50,000 = \$50,000 / \$50,000 = +100\%$. If there were no funds provided during 1967-68 for any of the categories, the percent change in expenditures is mathematically undefined. This is noted by the word Undefined.

PAGE 7 - PERCENT CHANGE IN PROPORTIONAL DISTRIBUTION OF EXPENDITURES: 1967-72

These figures were calculated from the first table on page 7. The "Percent Change in Proportional Distribution of Expenditures" was derived as follows:

The percent of expenditures from "Administration", "Instruction", and remaining categories for the 1967-68 school year was subtracted from the 1972-73 school year figures. Then this difference was divided by the percent "Administration", "Instruction", and remaining categories for the 1967-68 school year.

For example, if the percent of expenditures for "Administration" in 1967-68 were 50% and the percent of expenditures for "Administration" in 1972-73 were 75%, the "Percent Change in Proportional Distribution of Expenditures: 1967-72" would equal $(75-50)/50 = 25/50 = +50\%$. If there is a percent change from 0 to any number, the "Percent Change in Proportional Distribution of Expenditures" is mathematically undefined. This is noted by the word Undefined.

PAGE 8 - 1970 CENSUS: COUNT OF PERSONS 25 YEARS OF AGE AND OVER BY RACE AND YEARS OF SCHOOL COMPLETED.

This information was obtained from the U.S. Department of Commerce, Bureau of the Census, 1970 Census of Population and Housing, Fourth Count Population Summary Tapes for Massachusetts, Table 42, "Population 25 Years Old and Over by Years of School Completed and Sex". This information was based on a 20% sample survey. The "Spanish-American" category includes people who are both "White" and "Black" according to the Census definition so that the total of the "White", "Black" and "Spanish-American" columns will never equal the "Total Population" column. The "White" and "Black" figures may not equal the "Total Population" column because they do not include people of other racial backgrounds such as Asian-American and Native-American.

PAGE 8 - MEDIAN SCHOOL YEARS COMPLETED

This information was calculated from the previous table, "1970 Census: Count of Persons 25 Years of Age and Over by Years of School Completed". This calculation was performed by the Massachusetts Institute of Technology (M.I.T.) Information Processing Center.

DEMOGRAPHIC CHARACTERISTICS

PAGE 9 - CENSUS POPULATION BY RACE AND SPANISH LANGUAGE: 1960; 1970

The information on the 1960 population was obtained from the U.S. Department of Commerce, Bureau of the Census, 1960 Census of Population, Volume I, Characteristics of the Population, Part 23, Massachusetts, Tables 21, 25. This monograph

is available at libraries and governmental agencies. The "Asian-American" category includes only Chinese, Japanese, and Filipino. The percentages may not add up to 100 percent because of rounding.

The 1970 population figures were obtained from the U.S. Department of Commerce, Bureau of the Census, 1970 Census of Population, General Social and Economic Characteristics, Massachusetts, PC (1) - C23, Tables 81, 102 and 1970 Census of Population, General Population Characteristics, Massachusetts, PC (1) - B23, Tables 23, 27, 31. The "Asian-American" category includes only Chinese, Japanese and Filipino. The "Other" category includes Hawaiians, Koreans, Aleuts, Eskimos, Malaysians, and Polynesians. The "Spanish Language" data was obtained from the 1970 U.S. Census "Persons of Spanish Language" category. Persons of "Spanish Language" were not considered a distinct racial group by the U.S. Bureau of the Census and were, therefore, not distributed in the "White" or "Non-white" categories. An N.A. indicates that this information was not available for the school district. The percentages may not add up to 100 percent because of rounding.

The "1960-1970 Increase (+) Decrease (-)" figures were calculated by the MPP support research staff from the data in the first two rows of this table. The increase or decrease in the number (#) columns were derived by subtracting the 1970 population figures from the 1960 figures.

The increase or decrease in the percent (%) column were calculated by dividing the difference between the 1970 and 1960 population figures by the 1960 figures.

The "% Change in Proportional Distribution" was calculated as follows:
The "% White", "% Non-white" and percentages for the other columns for 1970 were subtracted from the 1960 percentages. This difference was divided by the 1960 percentages and this is the figure that was recorded.

PAGE 9 - CENSUS POPULATION INCREASE OR DECREASE: 1960-1970

This information was obtained from the Massachusetts Department of Commerce and Development, Massachusetts Population 1970-1965-1960 and Population Movements in Massachusetts 1960-1970.

PAGE 9 - CENSUS: FERTILITY RATIO BY RACE

This information was obtained from the U.S. Department of Commerce, Bureau of the Census, 1970 Census of Population and Housing, Fourth Count Population Summary Tapes for Massachusetts, Table 44, "Females 15-44 Years Old by Marital Status, Number of Children and Age". This ratio tells how many children, on the average, a woman between the ages of 15 and 44 had in 1970. For example, a fertility ratio of 1.35:1 indicates that for that city or town (and for that racial grouping) the average number of children a woman between 15 and 44 would have would be 1.35. An N.A. indicates that this information was not available for the school district.

PAGE 10 - 1970 CENSUS:
Household Population by Race

The information on "Total Population" was obtained from the U.S. Department of Commerce, Bureau of the Census, 1970 Census of Population and Housing, Second Count Summary Tapes for Massachusetts, Table 1, "Race and Sex". The information on "Population in Households" was obtained from the U.S. Department of Commerce, Bureau of the Census, 1970 Census of Population and Housing, Second Count Summary Tapes for Massachusetts, Table 3, "Household Population by Age, Race and Sex". An N.A. indicates that this information was not available for the school district. The U.S. Bureau of the Census defines people who live in households as those people who occupy a group of rooms or a single room which constitutes a housing unit. All living arrangements other than households are classified as group quarters. Persons living in group quarters include, for example, those who are inmates of institutions and those living in rooming and boarding houses, communes or military barracks.

PAGE 10 - 1970 CENSUS:
Number of Families by Sex of Family Head

The information on the number of families headed by females was obtained from the U.S. Department of Commerce, Bureau of the Census, 1970 Census of Population and Housing, Fourth Count Population Summary Tapes for Massachusetts, Table 75 "Family Income". The number of families headed by males was calculated by the MPP support research staff by subtracting the number of female headed families from the total number of families. This information was based on a 20 percent sample survey. The U.S. Bureau of the Census defines a family as a household head and one or more other persons living in the same household who are related to the head by blood, marriage, or adoption. The "White" and "Black" figures may not equal the "Total Population" because they do not include people of other racial backgrounds such as Asian-American and Native-American.

PAGE 10 - 1970 CENSUS: AGE DISTRIBUTION BY RACE

This information was obtained from the U.S. Department of Commerce, Bureau of the Census, 1970 Census of Population and Housing, Second Count Summary Tapes for Massachusetts, Table 2, "Single Years of Age, Race, and Sex". The percentages were calculated by the MPP support research staff. The percentages may not add up to 100 percent because of rounding. An N.A. indicates that this information was not available for the school district.

PAGE 11 - 1970 CENSUS: NATIVITY AND PARENTAGE

This information was obtained from the U.S. Department of Commerce, Bureau of the Census, 1970 Census of Population and Housing, Fourth Count Population Summary Tapes for Massachusetts, Table 21, "Nativity and Parentage". This information was based on a 15 percent sample survey. A "Native of Native Parent"

is a person born in the United States, the Commonwealth of Puerto Rico or an outlying area of the United States whose parents were also born in the United States. "Foreign Stock" includes U.S. citizens who were foreign born as well as those people who were born in the U.S. but had one or more foreign born parents ("Foreign or Mixed Parentage"). The "Spanish-American" category includes people who are both "White" and "Black" according to the Census definition so that the total of the "White", "Black" and "Spanish-American" columns will never equal the "Total Population" column.

PAGE 11 - 1970 CENSUS: MOST FREQUENT COUNTRY
of Origin of Foreign Stock

This information was obtained from the U.S. Department of Commerce, Bureau of the Census, 1970 Census of Population and Housing, Fourth Count Population Summary Tapes for Massachusetts, Table 22, "Country of Origin and Nativity". This information was based on a 15 percent sample survey. This table indicates the country of origin of the foreign stock population (foreign born and native of foreign or mixed parentage) in a city or town, with the information presented separately for foreign born and native of mixed parentage. These figures were totalled by the MPP support research staff to arrive at the number of persons recorded for each of the countries listed in this table. The countries listed are those which have the largest number of former citizens presently U.S. citizens residing in this community. The percent foreign stock population was calculated by dividing the number of foreign stock citizens from a particular country by the total number of foreign stock residents in that city or town. The total number of foreign stock residents was obtained from the previous table, "1970 Census: Nativity and Parentage".

PAGE 11 - 1970 CENSUS: SPANISH POPULATION INDICATORS

This information was obtained from the U.S. Department of Commerce, Bureau of the Census, 1970 Census of Population and Housing, Fourth Count Population Summary Tapes for Massachusetts, Table 24, "Spanish Indicators". The information on persons of "Spanish Origin or Descent" was derived from the question of whether a person's origin or descent was Mexican, Puerto Rican, Cuban, Central or South American, or other Spanish. The information on persons of "Puerto Rican Birth or Parentage" includes persons born in Puerto Rico and persons born in the United States or an outlying area with one or more parents born in Puerto Rico. Persons of "Spanish Language" comprise persons of Spanish mother tongue and all other persons in families in which the head or wife reported Spanish as his or her mother tongue. Since a person of "Spanish Origin or Descent" may appear in two or more of these Spanish population indicators, these figures were not totalled to arrive at a total number of Spanish population residents in a city or town.

PAGE 11 - 1970 CENSUS: MOST FREQUENT MOTHER TONGUES
Other Than English

This information was obtained from the U.S. Department of Commerce, Bureau of the Census, 1970 Census of Population and Housing, Fourth Count Population Summary Tapes for Massachusetts, Table 23, "Mother Tongue and Nativity". This information was based on a 15 percent sample survey of which language was spoken in a person's home when he or she was a child. Since English is the most frequent mother tongue, information is only displayed for mother tongues other than English. This information is presented separately for foreign born and natives and these figures were totalled by the MPP support research staff to arrive at the figures presented in this table.

ECONOMIC CHARACTERISTICS

PAGE 12 - 1970 CENSUS: NUMBER OF EMPLOYED PERSONS 16 YEARS OLD AND OVER
BY OCCUPATION

This information was obtained from the U.S. Department of Commerce, Bureau of the Census, 1970 Census of Population and Housing, Fourth Count Population Summary Tapes for Massachusetts, Table 58, "Employed Population 16 Years Old and Over by Occupation". This information was based on a 20 percent sample survey. Each of the occupation categories shown on this table such as "Professional, Technical, and Kindred Workers" have been broken down into subcategories and the same information in this table is available for each of these subcategories. An N.A. indicates that this information was not available for the school district. The percentages may not add up to 100 percent because of rounding. The "White" and "Black" figures may not equal the "Total Persons Employed" because they do not include people of other racial backgrounds such as Asian-American and Native-American. The "Spanish-American" category includes people who are both "White" and "Black" according to the Census definition so that the total of the "White", "Black" and "Spanish-American" columns will never equal the "Total Persons Employed" column.

PAGE 13 - MEDIAN INCOME: 1960 CENSUS; 1970 CENSUS

The information on 1960 Median Income was obtained from the U.S. Department of Commerce, Bureau of the Census, 1960 Census of Population, Volume I, Characteristics of the Population, Part 23 Massachusetts, Tables 33, 34, 76.

The information on the 1970 Median Income was obtained from the U.S. Department of Commerce, Bureau of the Census, 1970 Census of Population and Housing, Fourth Count Population Summary Tapes for Massachusetts, Table 75, "Family Income", and Table 76, "Income of Unrelated Individuals". This information was based on a 20 percent sample survey.

Information on families includes all those people living in the same household who are related to the head by blood, marriage, or adoption. Information on unrelated individuals includes all members of a household who are not related to anyone else in the household or a person living in group quarters who is not an inmate of an institution. An N.A. indicates that this information was not available for the school district.

PAGE 13 - 1970 CENSUS: EMPLOYMENT STATUS BY RACE
 of Persons 16 Years of Age and Over in Labor Force

This information was obtained from the U.S. Department of Commerce, Bureau of the Census, 1970 Census of Population and Housing, Fourth Count Population Summary Tapes for Massachusetts, Table 54, "Population 16 Years Old and Over by Labor Force Status, Selected Characteristics, and Sex". This information was based on a 20 percent sample survey. The employment or labor force status of persons over 16 is recorded by the U.S. Bureau of the Census in three categories: "In Labor Force", "In Armed Forces", and "Not in Labor Force". The information in this table covers only those people in the labor force, and this category is broken down into those who are "Employed" and those who are "Unemployed". Since the number and percent "Unemployed" is only based on those people in the labor force, it is an undercount of actual unemployment in a community. The "Total" is of those people 16 years and over in the labor force. An N.A. indicates that this information was not available for the school district. The "Spanish-American" category includes people who are both "White" and "Black" according to the Census definition so that the total of the "White", "Black", and "Spanish-American" columns will never equal the "Total" column. The percentages may not add up to 100 percent because of rounding. The "White" and "Black" figures may not equal the "Total" column because they do not include people of other racial backgrounds such as Asian-American and Native-American.

PAGE 14 - 1970 CENSUS:
 Number of Persons in Families and
 Number of Unrelated Individuals with Income Less Than Poverty Level

The information on the number of "Persons in Families" below poverty level was obtained from the U.S. Department of Commerce, Bureau of the Census, 1970 Census of Population and Housing, Fourth Count Population Summary Tapes for Massachusetts, Table 83, "Aggregate Number of Persons in Families below Poverty Level".

The information on the "Number of Unrelated Individuals with Income Less Than Poverty Level" was obtained from the U.S. Department of Commerce, Bureau of the Census 1970 Census of Population and Housing, Fourth Count Population Summary Tapes for Massachusetts, Table 89, "Unrelated Individuals by Age and Poverty Status". This information was based on a 20 percent sample survey. The number of persons in families and the number of unrelated individuals were totalled by the MPP support research staff to arrive at the total in this table.

The definition of poverty level income originated with the U.S. Social Security Administration in 1964 and was subsequently modified by a Federal Interagency Committee. This index provides a range of poverty income cutoffs adjusted by such factors as family size, family head, number of children under 18 years old, and farm and nonfarm residence, needed in order to maintain a nutritionally adequate food plan designed by the Department of Agriculture. In 1969, the poverty thresholds ranged from \$1,847 for a female unrelated individual 65 years old and over living on a farm to \$6,116 for a nonfarm family with a male head and with seven or more persons. The average poverty threshold for a nonfarm family of four headed by a male was \$3,745. An N.A. indicates that this information was not available for the school district. The percentages may not add up to 100 percent because of rounding. The "White" and "Black" figures may not equal the "Total Population" because they do not include people of other racial backgrounds such as Asian-American and Native-American. The "Spanish-American" category includes people who are both "White" and "Black" according to the Census definition so that the total of the "White", "Black", and "Spanish-American" columns will never equal the "Total Population" column.

PAGE 14 -

1970 CENSUS:

Number of Related Children Under 18 in Families
Below Poverty Level by Presence of Parents

This information was obtained from the 1970 U.S. Department of Commerce, Bureau of the Census, 1970 Census of Population and Housing, Fourth Count Population Summary Tapes for Massachusetts, Table 92, "Related Children Under 18 Years Old in Families Below Poverty Level by Presence of Parents". This information was based on a 20 percent sample survey. The percentages were calculated by the MPP support research staff by dividing the number of children under 18 living in families below poverty level by the total number of children under 18 in that city or town. An N.A. indicates that this information was not available for the school district. The "White" and "Black" figures may not equal the "Total Population" because they do not include people of other racial backgrounds such as Asian-American and Native-American. The "Spanish-American" category includes people who are both "White" and "Black" according to the Census definition so that the total of the "White", "Black" and "Spanish-American" columns will never equal the "Total Population" column.

PAGE 15 - CHARACTERISTICS OF INDUSTRIAL FIRMS: 1967

This information was obtained from the Commonwealth of Massachusetts, Division of Employment Security, "Massachusetts Employment and Wages 1967 by Area (City and Town) by Industry, 3 digit," unpublished computer printouts. This information is on industrial establishments subject to the Massachusetts Employment Security Law, Chapter 151A of the General Laws, and generally excludes employment in nonprofit institutions organized for religious, charitable, educational,

or scientific purposes; in domestic service; self employment and unpaid family service; and in governments. A definition of each major industry, such as "Agriculture and Mining", presented in this table, can be found in the following publication: The Commonwealth of Massachusetts, Division of Employment Security, Massachusetts Cities and Towns, Employment and Wages in Establishments Subject to the Massachusetts Employment Security Law by Major Industry Divisions 1967-1971, March, 1973.

PAGE 16 - CHARACTERISTICS OF INDUSTRIAL FIRMS: 1972

This information was obtained from the Commonwealth of Massachusetts, Division of Employment Security, "Massachusetts Employment and Wages 1972 by Area (City and Town) by Industry, 3 digit", unpublished computer printouts. This information is on industrial establishments subject to the Massachusetts Employment Security Law, Chapter 151A of the General Laws, and generally excludes employment in nonprofit institutions organized for religious, charitable, educational, or scientific purposes; in domestic service; self employment and unpaid family service; and in governments. A definition of each major industry, such as "Agriculture and Mining", presented in this table, can be found in the following publication: The Commonwealth of Massachusetts, Division of Employment Security, Massachusetts Cities and Towns, Employment and Wages in Establishments Subject to the Massachusetts Employment Security Law by Major Industry Divisions 1967-1971, March, 1973.

LAND USE CHARACTERISTICS

PAGE 17 - LAND USE PATTERNS IN (CITY OR TOWN NAME)

The percentages measured on this pie chart were calculated from land use pattern information obtained from the Metropolitan Area Planning Council, Preliminary Single Purpose Plan Report, Land Use Numbers, Study Element Number 3.05 of the Southeastern New England Study, October 1973 (compiled for the New England River Basin Study). This report contained information on the number of acres in a city or town utilized for "Residential", "Commercial" and the other remaining categories. The MPP support research staff calculated the percentages that were used to develop the pie chart displayed in this table.

HOUSING CHARACTERISTICS

PAGE 18 - 1970 CENSUS: SELECTED HOUSING CHARACTERISTICS

This information was obtained from the U.S. Department of Commerce, Bureau of the

Census, 1970 Census of Population and Housing, 1970 Census of Housing, General Housing Characteristics, Massachusetts HC (1)-A23, Tables 1, 8, 18, 23, 24.

The median value of owner occupied units does not include those that are in multi-unit structures, trailers, rural units on farms or places of ten or more acres, or on properties any part of which is used as a business.

The U.S. Bureau of the Census defines a housing unit as a house, an apartment, a group of rooms, or a single room occupied or intended for occupancy as separate living quarters. A housing unit was considered vacant if no one was living in it at the time the Census was taken unless its occupants were only temporarily absent. Median value was the owner's estimate of how much the property (house and lot) would sell for, if it were for sale. Median contract rent is the monthly rent agreed to, or contracted for, regardless of any furnishings, utilities, or services that may be included.

PAGE 18 - 1970 CENSUS: NUMBER OF HOUSING UNITS
by Occupancy Status and Race of Head of Household

This information was obtained from the U.S. Department of Commerce, Bureau of the Census, 1970 Census of Population and Housing, Fourth Count Housing Summary Tapes for Massachusetts, Table 26, "Occupancy/Vacancy Status". The total number of housing units in this table may be slightly lower than the total in the previous table because it does not include vacant migratory and seasonal units. The percentages may not add up to 100 percent because of rounding. An N.A. indicates that this information was not available for the school district. The "White" and "Black" figures may not equal the "Total" column because they do not include people of other racial backgrounds such as Asian-American and Native-American. This information was based on a 20% sample survey.

PAGE 18 - BUILDING PERMITS ISSUED FOR NEW
Dwelling Units: 1960-71

This information was obtained from the Massachusetts Department of Commerce and Development, City and Town Monograph. This is a separate monograph for each city and town in the Commonwealth of Massachusetts. These monographs, which contain other information on a city or town, are free to the public upon request.

PAGE 19 - NUMBER OF SUBSIDIZED HOUSING UNITS BY TYPE OF CONSTRUCTION
STATUS: 1973

This information was obtained from the Metropolitan Area Planning Council, (MAPC) Subsidized Housing in the Boston Region as of December 31, 1973, and is available to the public upon request. The MAPC is the regional planning agency for the Boston metropolitan area; it studies the demographic, socio-economic, land use, and housing characteristics of the cities and towns in the Boston metropolitan area. MHFA refers to the Massachusetts Housing Finance Agency.

PAGE 19 - 1970 CENSUS: AGE OF HOUSING UNITS

This information was obtained from the U.S. Department of Commerce, Bureau of the Census, 1970 Census of Population and Housing, Fourth Count Housing Summary Tapes for Massachusetts, Table 8, "Year Structure Built, Tenure, and Race of Head". This information was based on a 20 percent sample survey. Since this information is based on a sample survey, the total number of housing units may not equal the total number of units recorded on other "Housing Characteristic" tables. The number of "Other Occupied Housing Units" was calculated by the MPP support research staff by subtracting the "Black Occupied Housing Units" column from the "Total Housing Units" column. The "Other Occupied Housing Units" are occupied primarily by whites but may also be occupied by Asian-American, Native-American and other racial and ethnic group members. The percentages may not add up to 100 percent because of rounding. An N.A. indicates that this information was not available for the school district. The "Spanish-American" category includes people who are both "White", and "Black" according to the Census definition so that the total of the "White" "Black" and "Spanish-American" columns will never equal the "Total Housing Units" column.

PAGE 20 - 1970 CENSUS: NUMBER OF PERSONS PER ROOM IN OCCUPIED HOUSING UNITS
By Race of Head of Household

This information was obtained from the U.S. Department of Commerce, Bureau of the Census, 1970 Census of Population and Housing, First Count Summary Tapes for Massachusetts, Table 30, "Persons per Room, Tenure and Race of Head". The number of "Other Occupied Housing Units" was calculated by the MPP support research staff by subtracting the "Black Occupied Housing Units" column from the "Total Occupied Units" column. An N.A. indicates that this information was not available for the school district. The percentages may not add up to 100 percent because of rounding.

PAGE 20 - 1970 CENSUS: TYPE OF HOUSING STRUCTURE

This information was obtained from the U.S. Department of Commerce, Bureau of the Census, 1970 Census of Population and Housing, Fourth Count Housing Summary Tapes for Massachusetts, Table 9, "Units in Structure, Tenure, and Race, of Head". This information was based on a 20 percent sample survey. Since this information is based on a sample survey, the total number of housing units may not equal the total number of units recorded on other "Housing Characteristic" tables. This information is also available for Black and Spanish-American occupied units, both owner occupied and renter occupied. An N.A. indicates that this information was not available for the school district. The percentages may not add up to 100 percent because of rounding.

PAGE 20 - 1970 CENSUS:
Average Number of
Persons per Housing Unit

This information was obtained from the U.S. Department of Commerce, Bureau of the Census, 1970 Census of Population and Housing, Fourth Count Housing Summary Tapes for Massachusetts, Table 37, "Number of Persons in Unit, Tenure, and Race of Head". This information was based on a 20 percent sample survey. This information was calculated by the MPP support research staff by dividing the number of persons in housing units by the total number of housing units. The number of "Other Occupied Housing Units" was calculated by the MPP support research staff by subtracting the "Black Occupied Housing Units" column from the "Total Occupied Housing Units" column.

PAGE 21 - 1970 CENSUS: VALUE OF OWNER OCCUPIED HOUSING UNITS BY RACE OF
HEAD OF HOUSEHOLD

This information was obtained from the U.S. Department of Commerce, Bureau of the Census, 1970 Census of Population and Housing, Fourth Count Housing Summary Tapes for Massachusetts, Table 52, "Value, Occupancy Status, and Race of Head". This information was based on a 20 percent sample survey. The value of an owner occupied unit was the owner's estimate of how much the property (house and lot) would sell for, if it were for sale. The number of "Other Owner Occupied Units" was calculated by the MPP support research staff by subtracting the "Black Owner Occupied Units" column from the "Total Owner Occupied Units" column. The percentages may not add up to 100 percent because of rounding. An N.A. indicates that this information was not available for the school district. The "Spanish-American" category includes people who are both "White" and "Black" according to the Census definition so that the total of the "White", "Black" and "Spanish-American" column will never equal the "Total Owner Occupied Units" column.

PAGE 22 - 1970 CENSUS: MONTHLY GROSS RENT BY RACE OF HEAD OF HOUSEHOLD

This information was obtained from the U.S. Department of Commerce, Bureau of the Census, 1970 Census of Population and Housing, Fourth Count Housing Summary Tapes for Massachusetts, Table 19, "Gross Rent and Race of Head". This information was based on a 20 percent sample survey. "Monthly Gross Rent" is the monthly rent agreed to, or contracted for, regardless of any furnishings, utilities, or services that may be included plus the estimated average monthly cost of utilities and fuels, if these items are paid for by the renter in addition to rent. The number of "Other Renter Occupied Units" was calculated by the MPP support research staff by subtracting the "Black Renter Occupied Units" column from the "Total Renter Occupied Units" column. An N.A. indicates that this information was not available for the school district. The percentages may not add up to 100 percent because of rounding. The "Spanish-American" category includes people who are both "White" and "Black" according to the Census definition so that the total of the "White", "Black" and "Spanish-American" columns will never equal the "Total Renter Occupied Units" column.

NOTES AND SOURCES FOR THE INDIVIDUAL SCHOOL PROFILES

PAGE 1 - SCHOOL DISTRICT #, SCHOOL

The school district and school number (#) which appear on the upper right hand box are code numbers which are used by the Massachusetts State Department of Education. These code numbers were obtained from the Massachusetts State Department of Education, Bureau of Educational Information Services, Massachusetts School Directory 1973-74.

PAGE 1 - 1973-74 SCHOOL DISTRICT; SCHOOL NAME; NO. & STREET; City, State, Zip; Grade Organization

This information was obtained from the Massachusetts State Department of Education, Bureau of Educational Information Services, Massachusetts School Directory 1973-74.

PAGE 1 - FACILITIES

The information on a school's date of initial construction, date(s) of additions or changes, number of rooms for instructional use, and total number of rooms were obtained from the Massachusetts State Department of Education, Division of Research, Planning, and Evaluation, School Building Inventory, Fall, 1973. There were fifty-eight types of school rooms listed on this form. Forty-two of these rooms were placed by the MPP support research staff in the "Instructional Use" category. These rooms are:

1. Art (General)
2. Arts and Crafts
3. Auditorium
4. Automotive
5. Bandroom
6. Biology Laboratory
7. Bookkeeping
8. Chemistry Laboratory
9. Child Care Center
10. Chorus Room
11. Classroom Regular, (Regular, Interchangeable)
12. Classroom (Seminar Room)
13. Corrective Room (Athletics)
14. Earth Science Laboratory
15. Field House
16. General Science Laboratory
17. Graphic Arts
18. Gymnasium
19. Home Economics (Food)

20. Home Economics (General)
21. Home Economics (Multi-purpose Living Center)
22. Ice Skating Rink
23. Instructional Media Center
24. Language Arts Laboratory
25. Library
26. Mathematics Laboratory
27. Mechanical Drawing
28. Metal Shop
29. Music Room (General)
30. Office Machines
31. Office Practice
32. Physics Laboratory
33. Power Mechanics Shop
34. Sewing Room
35. Shop (General)
36. Social Studies Laboratory
37. Special Education Remedial Rooms
38. Stenography Room
39. Swimming Pool
40. Television Room
41. Typing Room
42. Wood Shop

The remaining sixteen were placed in the "Other Uses" category.
They are:

1. Administrative Office
2. Audio-Visual Workroom
3. Cafeteria
4. Data Processing
5. Guidance Office
6. Health Suite
7. Kitchen
8. Lavatories (Boys')
9. Lavatories (Girls')
10. Shower and Locker Rooms
11. Storage (Books)
12. Storage (Custodial Supplies)
13. Storage (General Instructional Supplies)
14. Student Activity Room
15. Teachers' Lounge
16. Teachers' Workroom

An N.A. indicates that this information was not available for the school.

PAGE 1 - 1973-74 FEDERAL PROGRAMS

The information on "Title I" programs in a school ("Type of Program", "# of Students") was obtained from the Massachusetts State Department of Education, Division of Curriculum and Instruction, Bureau of Curriculum Services, Title I ESEA, "Unpublished Title I Program Documents, 1973-74." The "% School Enrollment" was calculated by the MPP support research staff by dividing the number of students in Title I programs by the total number of students in the school during the 1973-74 school year. The total number of students was obtained from the Massachusetts State Department of Education, Division of Research, Planning, and Evaluation, Enrollment by Classification, Exhibit II, 1973-74. This is the same total that appears in the "Student Ethnic Census: 1973-74" table on page 2. The Title I program is funded by the U.S. Office of Education and was legislated by the U.S. Congress as part of the 1965 Elementary and Secondary Education Act (ESEA). The Title I program provides assistance for "educationally deprived and neglected and delinquent children".

The information on students in the "Lunch Program" ("# Students, Free"; "# Students, Reduced Price") was obtained from the Massachusetts State Department of Education, Bureau of Nutrition Education and School Food Services Education, "Average Number of Lunches Served to Needy". The figures in this table were calculated by taking the number of needy students served lunches in a school during the month of January, 1974 and dividing this number by the number of days schools were opened that month. The "% School Enrollment" was calculated by the MPP support research staff, 1973-74, by dividing the number of "Lunch Program" students by the 1973-74 school enrollment obtained from the Massachusetts State Department of Education, Division of Research, Planning and Evaluation, Enrollment by Classification, Exhibit II, 1973-74.

The information on students eligible for the "Bilingual Program" was obtained from the Massachusetts State Department of Education, Bureau of Transitional Bilingual Education, Census of Children of Limited English Speaking Ability on October 1, 1973, under Chapter 71A, Act of 1971. This Census of all public school students is conducted each year in order to determine how many students are of limited English speaking ability as defined in Chapter 71A and, thus, eligible for transitional bilingual classes. The "% School Enrollment" was calculated by the MPP support research staff by dividing the number of eligible bilingual students by the 1973-74 school enrollment obtained from the Massachusetts State Department of Education, Division of Research, Planning, and Evaluation, Enrollment by Classification, Exhibit II, 1973-74.

The information on the number of METCO (Metropolitan Council for Educational Opportunities, Inc.) students was obtained from the METCO files, "Unpublished Student Enrollment Records", August, 1974. METCO is a state funded interdistrict transfer program which transports children from Boston to suburban school districts. The "% School Enrollment" was calculated by the MPP support research staff by dividing the number of METCO students by the 1973-74 school enrollment obtained from the Massachusetts State Department of Education, Division of Research, Planning, and Evaluation, Enrollment by Classification, Exhibit II, 1973-74.

This information was obtained from the Massachusetts State Department of Education, Division of Research, Planning, and Evaluation, 1973-74 Professional Staff Survey. The figures in this table are not always an accurate total of the number of professional staff employed in a school because some staff members may not have filled in a survey. In addition, some staff members may have completed one section of the survey but not another section. As a result, the totals under the "Age", "Years in Present System", and "Position" columns may not be the same. The total number (#) of professional staff recorded in the "Census" column is the largest number of staff found in either the "Age", "Years in Present System", or "Position" categories. The "Total" number of professional staff members may be greater than the total number of "White", "Black", "Spanish Surname", "Asian-American", "Native-American", and "Other" professional staff members because some people who answered this survey did not indicate their racial or ethnic background. An N.A. indicates that this information was not available for the school.

The survey form had 24 different position codes. These positions were reclassified, by the MPP support research staff, under one of these four headings: "Administrators", "Teachers", "Teacher Aides", and "Other Professionals".

"Administrators" include the following positions:

1. Administrative Assistant
2. Assistant Director or Manager
3. Assistant or Vice-Principal
4. Assistant Superintendent
5. Assistant Supervisor
6. Director or Manager (Pupils or Programs)
7. Principal
8. Research
9. Superintendent

"Teachers" include:

1. Itinerant Teacher
2. Special Class Teacher (Handicapped)
3. Specialist (Reading, Speech, etc.)
4. Teacher

"Teacher Aides" include:

1. Teacher Aide

"Other Professionals" include:

1. Attendance Supervisor
2. Chairman or Department Head
3. Counselor
4. Librarian
5. Nurse
6. Other Professional or Technical Personnel
7. Psychologist
8. Psychometrist
9. Social Worker (Adjustment Counselor)
10. Supervisor or Consultant (Staff Improvement)

PAGE 2 - STUDENT ETHNIC CENSUS: 1973-74

This information was obtained from the Massachusetts State Department of Education, Division of Research, Planning, and Evaluation, Enrollment by Classification, Exhibit II, 1973-74. The figures in the "White" column include "White" students and students of racial backgrounds other than "Black", "Native-American", "Asian-American", and "Spanish Surname". "Spanish Surname" students were placed in the "Non-white" category.

PAGE 2 - RACIAL CENSUS: 1967-68; 1970-71; 1972-73

The information on the "Total", "White", and "Non-white" enrollments for these three school years were obtained from the Massachusetts State Department of Education, Division of Research, Planning, and Evaluation, Racial Census, October, 1967; Racial Census, October, 1970; and Racial Census, October, 1972. The Racial Census does not indicate which students were considered "White" and which were considered "Non-white".

PAGE 2 - RACIAL CENSUS: ENROLLMENT CHANGE 1967-1972

These figures were calculated from the previous table by the MPP support research staff. The figures under the number sign (#) column were calculated by subtracting from the "Total", "White" or "Non-white" enrollment for the 1972-73 school year, the "Total", "White" or "Non-white" enrollment for the 1967-68 school year. For example, if the 1972-73 total enrollment was 100 students and the 1967-68 enrollment was 50 students, the enrollment change would be +50(100-50) and this figure would appear in the appropriate box. The figures under the percent(%) column were derived by dividing the difference between the 1972-73 and 1967-68 enrollment by the 1967-68 enrollment. If the difference, for example, between the 1972-73 and 1967-68 enrollments were +50 and the 1967-68 enrollment were 50, the percent change would be +100(50/50). The figures under the "% Change in Proportional Distribution" column were calculated as follows:

The "% White" (or "% Non-white") for 1972-73 was subtracted from the "% White" (or "% Non-white") for 1967-68.

This difference was divided by the "% White" (or "% Non-white") for 1967-68 and this is the figure that was recorded. For example, if the "% White" in 1967-68 was 75% and the "% White" in 1972-73 was 50%, the "% Change in Proportional Distribution" would be calculated as follows:
$$(50-75)/75 = (-25)/75 = -0.33.$$

Since the percent "Total Enrollment" is always 100%, no "% Change in Proportional Distribution" was calculated or recorded for "Total Enrollment". If there is a percent change from 0 to any number, the "% Change in Proportional Distribution" is mathematically undefined. This is noted by the word "Undefined".

PAGE 2 - FOLLOW-UP OF HIGH SCHOOL GRADUATES: 1968-1972

The information on the post high school placement of 1968 graduates was obtained from the Massachusetts State Department of Education, Division of Research, Planning, and Evaluation, Distribution of Graduating Class, 1969. The number of students in each of the various placement categories may not equal the total number of high school graduates because information on all placements was not available. If there was no information available on high school graduates in a particular school, this is noted by an N.A. in the first column (under the # sign). The information on the 1972 graduates was obtained from the Massachusetts State Department of Education, Division of Research, Planning, and Evaluation, Distribution of High School Graduates, Class of 1972, Fall 1973. The percentages in the 1972 column may not add up to 100% because of rounding. This table is only displayed for high schools; the profiles for elementary and junior high schools do not have this table.

PAGE 2 - ELIGIBLE TRANSITIONAL BILINGUAL STUDENTS: 1973-74

The number of students eligible for a transitional bilingual program was obtained from the Massachusetts State Department of Education, Bureau of Transitional Bilingual Education, Census of Children of Limited English Speaking Ability on October 1, 1973, under Chapter 71A, Act of 1971. This Census of all public school students is conducted each year in order to determine how many students are of limited English speaking ability as defined in Chapter 71A and, thus, eligible for transitional bilingual classes. The "Percent of Bilingual Enrollment" was calculated by the MPP support research staff by dividing the number of students in each language category, such as "Chinese" or "French" by the "Total" number of eligible bilingual students.

Leslie Steven May

METROPOLITAN PLANNING PROJECT/COMMUNITY PROFILE # 196 NAHANT

EDUCATIONAL CHARACTERISTICS

NUMBER OF SCHOOLS AND ENROLLMENT By Type of School: 1973-74				
Type of School	Number of Schools	Enrollment		
		Total	White	Non-white
Elementary	3	483	478	5
Junior High	1	194	193	1
High School	0			
Special & Ungraded	0			
Regional	0			
Vocational	0			
Total	4	677	671	6

SCHOOL ATTENDING CHILDREN IN PUBLIC and Non-public Schools					
Year	Total	Public		Non-public	
		#	%	#	%
1967-68	954	815	85.4	139	14.6
1970-71	986	898	91.1	88	8.9
1972-73	928	854	92.0	74	8.0

EDUCATIONAL COLLABORATIVE PARTICIPATION 1973-74	
Metropolitan Planning Project-Approving District	

1970 CENSUS: SCHOOL ENROLLMENT FOR Level and Type of School by Race (Population 3 - 34 years)									
Level and Type of School	Total		White		Black		Spanish-American		
	#	%	#	%	#	%	#	%	
Nursery School	0		0		0		0		
Public	0		0		0		0		
Parochial	0		0		0		0		
Private	0		0		0		0		
Kindergarten	61	4.9	61	5.0	0		0		
Public	0		0		0		0		
Parochial	0		0		0		0		
Private	0		0		0		0		
Elementary (1-8)	547	44.2	547	44.4	0		0		
Public	75	6.1	75	6.1	0		0		
Parochial	26	2.1	26	2.1	0		0		
Private	277	22.4	277	22.5	0		0		
High School (1-4)	30	2.4	30	2.4	0		0		
Public	13	1.1	13	1.1	0		0		
Parochial	56	4.5	56	4.5	0		7	100.0	
Private	152	12.3	146	11.9	0		0		
College									
Public									
Private									

FEDERALLY-FUNDED PROGRAMS: 1973-74		
Program	# of Students	% Total Enrollment
Title I	0	
Title III	0	

EDUCATIONAL CHARACTERISTICS

RACIAL CENSUS: 1967-68; 1970-71; 1972-73					
Years	Total Enrollment	White		Non-white	
		#	%	#	%
1967-1968	656	653	99.5	3	0.5
1970-1971	688	682	99.1	6	0.9
1972-1973	669	669	100.0	0	

RACIAL CENSUS: ENROLLMENT CHANGE 1967-1972			
	#	%	% Change in Proportional Distribution
TOTAL	+13	+2.0	
White	+16	+2.4	+0.5
Non-white	-3	-100.0	-100.0

STUDENT ETHNIC CENSUS: 1973-74					
		Black	Non-white		
			Native-American	Asian-American	Spanish Surname
Number	677	2	0	0	4
Percent	100.0	0.3			0.6

FOLLOW UP OF HIGH SCHOOL GRADUATES: 1968; 1972				
Post High School Placement	Class of			
	1968		1972	
	#	%	#	%
4-yr. State College				
4-yr. Other College				
2-yr. State College				
2-yr. Other College				
Nurses Training				
Other Post Secondary				
Military				
Work				
Other				
TOTAL				

ELIGIBLE TRANSITIONAL BILINGUAL STUDENTS: 1973-74		
Language	Number of Students	Percent of Bilingual Enrollment
TOTAL	0	
Chinese		
French		
Greek		
Italian		
Portuguese		
Spanish		
Other		

METROPOLITAN PLANNING PROJECT/COMMUNITY PROFILE # 196 NAHANT

EDUCATIONAL CHARACTERISTICS

PUBLIC SCHOOL STUDENT ENROLLMENTS: 1964 - 1982					
Past Enrollments: 1964 - 1972					
Projected Enrollments: 1973 - 1982					
School Year Beginning in Fall of	Total K-12 (R ² = .115)	Total K-6 (R ² = .079)	Total 7-12 (R ² = .025)	White K-12 (R ² = .243)	Non-white K-12 (R ² = .400)
1964	687.000	496.504	190.496	678.000	9.00000
1965	561.000	468.801	192.198	647.000	14.00000
1966	564.000	462.788	201.212	657.000	7.00000
1967	656.000	449.425	206.574	653.000	3.00000
1968	649.000	449.000	200.000	647.000	2.00000
1969	698.000	494.000	204.000	688.000	10.00000
1970	687.000	493.000	194.000	681.000	6.00000
1971	704.000	496.000	208.000	700.000	4.00000
1972	665.000	490.000	189.000	669.000	0.0
1973	687.083	486.661	200.422	686.055	0.0
1974	685.499	488.670	200.829	689.488	0.0
1975	691.916	490.680	201.236	692.921	0.0
1976	694.332	492.690	201.642	696.355	0.0
1977	696.749	494.699	202.050	699.788	0.0
1978	699.166	496.709	202.457	703.221	0.0
1979	701.583	498.719	202.864	706.655	0.0
1980	703.999	500.728	203.271	710.088	0.0
1981	706.416	502.738	203.678	713.521	0.0
1982	708.832	504.748	204.085	716.954	0.0

METROPOLITAN PLANNING PROJECT/COMMUNITY PROFILE # 196 NAHANT

EDUCATIONAL CHARACTERISTICS

NUMBER OF TEACHERS BY RACE: 1972-73										
Total	White		Non-White		Non-white					
	#	%	#	%	Black		Asian-American		Native-American	
					#	%	#	%	#	%
33	33	100.0	0		0		0		0	
									0	

NUMBER OF TEACHERS, TEACHER AIDES AND OTHER PROFESSIONAL STAFF: 1973-74													
Staff Status	Total	White		Non-white		Non-white							
		#	%	#	%	Black		Asian-American		Native-American		Spanish Surname	
						#	%	#	%	#	%	#	%
Teachers	40	N.A.		N.A.									
Teacher Aides	6	N.A.		N.A.									
Other Professional Staff	7	N.A.		N.A.									
Total	53	N.A.		N.A.									

METROPOLITAN PLANNING PROJECT/COMMUNITY PROFILE # 196 NAHANT

EDUCATIONAL CHARACTERISTICS

SELECTED FINANCIAL CHARACTERISTICS								
Year	% Municipal Tax Spent on Education	Comprehensive Per Pupil Expenditure in Dollars				Public School Attending Children Transported at Public Expense		Computative Equalized Property Valuation per School Attending Child in Dollars
		Total	Elementary School	Junior High School	High School	#	%	
1967-68	47.5	668	635	692	0	205	25.2	22,013
1970-71	42.2	825	748	1,068	774	193	21.5	26,876
1972-73	N.A.	1,014	953	1,200	994	175	20.5	32,328

1973 TAX RATE	
Official	Equalized
99.50	53.73

1973 SCHOOL TAX RATE	
Official	Equalized
48.50	26.19

1973 MOODY'S BOND RATING
N.A.

PUBLIC SCHOOL STUDENTS Receiving Subsidized Lunches: 1973-74		
	# of Lunch Program Students	% of Total Enrollment
TOTAL	0	
Free		
Reduced Price		

STUDENTS ENROLLED IN METCO		
Year	# METCO Students	% of Total Enrollment
1967-68	0	
1970-71	0	
1972-73	0	
1973-74	0	

EDUCATIONAL CHARACTERISTICS

PERCENT DISTRIBUTION OF SCHOOL REVENUES: 1967-68; 1970-71; 1972-73									
Year	Total Public School Funds Provided *	Local Sources		Commonwealth Sources		Federal Sources		Other School Districts	
		\$	%	\$	%	\$	%	\$	%
1967-68	608,969	486,732	79.9	95,498	15.7	31,620	5.2	0	
1970-71	813,339	653,407	80.3	134,256	16.5	30,774	3.8	0	
1972-73	990,470	724,670	73.2	212,669	21.5	71,065	7.2	0	
Notes: *The amount of Total Public School Funds Provided is not necessarily equal to the total of the Local, Commonwealth, Federal, and Other School District revenues because the total incorporates an adjustment figure reported in the annual budget for the beginning and ending balance.									

ABSOLUTE DOLLAR AND PERCENT CHANGES IN REVENUES: 1967-72									
Changes in Public School Funds Provided 1967-72	Total	Local Sources		Commonwealth Sources		Federal Sources		Other School Districts	
		\$	%	\$	%	\$	%	\$	%
	381,501	237,938	48.9	117,171	122.7	39,445	124.7	0	0.0

PERCENT CHANGE IN PROPORTIONAL DISTRIBUTION OF REVENUES: 1967-72				
% Change in Proportional Distribution of Revenue 1967-72	Local Sources		Commonwealth Sources	Other School Districts
			Federal Sources	
	-8.4		36.7	38.5
				0.0

METROPOLITAN PLANNING PROJECT/COMMUNITY PROFILE # 196 NAHANT

EDUCATIONAL CHARACTERISTICS

EDUCATIONAL CHARACTERISTICS															
PERCENT DISTRIBUTION OF SCHOOL EXPENDITURES: 1967-68; 1970-71; 1972-73															
Year	Total Public School Funds Applied	Expenditures by School Committee						Expenditures for Services provided by Other Municipal Agencies		Expenditures for Regional School Assessments		Expenditures of Federal Funds		Expenditures of Revolving Funds	
		Administration		Instruction		Other*		\$	%	\$	%	\$	%		
		\$	%	\$	%	\$	%								
1967-68	608,969	18,093	3.0	317,862	52.2	172,122	28.3	78,312	12.9	0		13,711	2.3	8,869	1.5
1970-71	813,339	29,649	3.7	423,394	52.0	260,487	32.0	84,038	10.3	0		9,857	1.2	5,914	0.7
1972-73	990,470	28,750	2.9	526,898	53.2	297,732	30.1	113,295	11.4	0		14,831	1.5	8,964	0.9

ABSOLUTE DOLLAR AND PERCENT CHANGES IN EXPENDITURES: 1967-72																	
Changes in Public School Funds Expended 1967-72	Total Public School Funds Applied		Expenditures by School Committee						Expenditures for Services provided by Other Municipal Agencies		Expenditures for Regional School Assessments		Expenditures of Federal Funds		Expenditures of Revolving Funds		
			Administration		Instruction		Other*										
	\$	%	\$	%	\$	%	\$	%	\$	%	\$	%	\$	%	\$	%	
		381,501	58.9	10,657	209,036	65.8	125,610	73.0	34,983	44.7	0	0.0	1,120	8.2	95	1.1	

PERCENT CHANGE IN PROPORTIONAL DISTRIBUTION OF EXPENDITURES: 1967-72									
Percent Change in Proportional Distribution of Expenditures 1967-72	Expenditures by School Committee			Expenditures for Services provided by Other Municipal Agencies	Expenditures for Regional School Assessments	Expenditures of Federal Funds	Expenditures of Revolving Funds		
	Administration	Instruction	Other*						
				-3.3	1.9	6.4	-11.6	0.0	-34.8

Note: *Other includes the following categories: attendance, health service, pupil transportation, food services, athletics, other student-body activities, operation and maintenance of plant, fixed charges, community services, acquisitions of fixed assets, debt retirement and debt services, and programs with other districts.

METROPOLITAN PLANNING PROJECT/COMMUNITY PROFILE # 196 NAHANT

EDUCATIONAL CHARACTERISTICS

1970 CENSUS: COUNT OF PERSONS 25 YEARS OF AGE AND OVER BY RACE AND YEARS OF SCHOOL COMPLETED									
Level and Years of School Completed	Total Population		White		Black		Spanish-American		
	#	%	#	%	#	%	#	%	
No School Year Completed	14	0.6	14	0.6			0		
Elementary: 1-4 years	10	0.4	10	0.4			0		
5-6 years	39	1.7	39	1.7			0		
7 years	48	2.0	48	2.0			0		
8 years	57	2.4	57	2.4			0		
High School: 1-3 years	381	16.2	381	16.3			0		
4 years	1,007	42.9	1,002	42.7			0		
College: 1-3 years	359	15.3	359	15.3			0		
4 years	295	12.6	295	12.6			6		30.0
5 years or more	139	5.9	139	5.9			14		70.0
Total	2,349	100.0	2,344	100.0	N.A.		20		100.0

MEDIAN SCHOOL YEARS COMPLETED			
Total Population	White	Black	Spanish-American
12.2	12.2	N.A.	18.4

DEMOGRAPHIC CHARACTERISTICS

CENSUS POPULATION BY RACE AND SPANISH LANGUAGE: 1960; 1970																	
Year	Total Population	Total Population				Non-White						Spanish Language					
		White		Non-white		Black		Native-American		Asian-American		Other		Spanish Language			
		#	%	#	%	#	%	#	%	#	%	#	%	#	%		
1960	3,960	3,930	99.2	30	0.8	18	0.5	0		0				12	0.3		
1970	4,119	4,080	99.1	39	1.0	14	0.3	0		18	0.4			7	0.2	N.A.	
1960-1970 Increase (+) Decrease (-)		+150	3.8	+ 9	30.0	-4	22.2	0	0.0	+18	Undefined			-5	41.7		
% Change in Proportional Distribution		-0.2		+25.0		-24.4		0.0		Undefined				-43.3			

CENSUS POPULATION INCREASE OR DECREASE: 1960-1970		
1960-70		
Increase (+) or		
Decrease (-)		+159
% Change 1960-70		
Increase (+) or		
Decrease (-)		+4.0
Balance of Births to Deaths		
Excess of Births (+)		
Excess of Deaths (-)		+355
Net Migration		
Excess of People Moving In (+)		
Excess of People Moving Out (-)		-196

1970 CENSUS: FERTILITY RATIO BY RACE	
Total Population	1.651:1
White	1.662:1
Black	N.A.
Spanish-American	2.000:1

METROPOLITAN PLANNING PROJECT/COMMUNITY PROFILES # 196 NAHANT

DEMOGRAPHIC CHARACTERISTICS

1970 CENSUS: Household Population by Race			
Race	Total Population #	Population in Households	
		#	%
White	4,080	3,956	99.1
Black	14	11	0.3
Other	25	24	0.6
Total	4,119	3,991	100.0

1970 CENSUS: Number of Families by Sex of Family Head				
Family Head	Total Population	White	Black	Spanish-American
Male	886	881	0	7
Female	93	93	0	0
Total	979	974	0	7

1970 CENSUS: AGE DISTRIBUTION BY RACE									
Age	Total	White		Non-white		Non-white			
		#	%	#	%	Black	Other	Black	Other
Under 5	351	348	8.5	3	7.7	0	3	3	12.0
5 - 9	368	362	8.9	6	15.4	3	3	21.4	12.0
10 - 14	399	395	9.7	4	10.3	2	2	14.3	8.0
15 - 19	340	335	8.2	5	12.8	2	3	14.3	12.0
20 - 24	303	298	7.3	5	12.8	1	4	7.1	16.0
25 - 44	984	N.A.		N.A.		N.A.	N.A.	N.A.	
45 - 64	929	N.A.		N.A.		N.A.	N.A.	N.A.	
65 and Over	445	445	10.9	0		0	0		
Total	4,119	4,080	100.0	39	100.0	14	25	100.0	100.0

METROPOLITAN PLANNING PROJECT/COMMUNITY PROFILE # 196 NAHANT

DEMOGRAPHIC CHARACTERISTICS

1970 CENSUS: NATIVITY AND PARENTAGE					
Nativity	Total Population		White	Black	Spanish-American
	#	%	#	#	#
Native of Native Parent	2,896	70.5	2,890		39
Foreign Stock	1,213	29.5	1,205		0
Total	4,109	100.0	4,095	N.A.	39

1970 CENSUS: MOST FREQUENT COUNTRY of Origin of Foreign Stock			
Country of Origin	# of Persons	% Foreign Stock Population	
Canada	318	26.2	
Ireland	233	19.2	
Italy	205	16.9	
United Kingdom	144	11.9	

1970 CENSUS: SPANISH POPULATION INDICATORS			
Indicators	# of Persons	% of Total Population	
Spanish Origin or Descent	0		
Puerto Rican Birth or Parentage	33	0.8	
Spanish Language	39	0.9	

1970 CENSUS: MOST FREQUENT MOTHER TONGUES Other Than English		
Mother Tongue	# of Persons	% of Total Population
	258	6.3
French	97	2.4
German	90	2.2
Swedish	58	1.4

METROPOLITAN PLANNING PROJECT/COMMUNITY PROFILE # 196 NAHANT

ECONOMIC CHARACTERISTICS

1970 CENSUS: NUMBER OF EMPLOYED PERSONS 16 YEARS OLD AND OVER BY OCCUPATION									
Occupation	Total Persons Employed		White		Black		Spanish-American		
	#	%	#	%	#	%	#	%	
Professional, Technical and Kindred Workers	407	23.5	402	23.3			0		
Managers and Administrators, except Farm	297	17.1	297	17.2			0		
Sales Workers	108	6.2	108	6.3			6	100.0	
Clerical and Kindred Workers	331	19.1	331	19.2			0		
Craftsmen, Foremen and Kindred Workers	159	9.2	154	8.9			0		
Operatives, except Transport	163	9.4	163	9.5			0		
Transport Equipment Operatives	22	1.3	22	1.3			0		
Laborers, except Farm	30	1.7	30	1.7			0		
Farmers and Farm Managers	0		0				0		
Farm Laborers and Foremen	0		0				0		
Service Workers, except Private Household	199	11.5	199	11.6			0		
Private Household Workers	16	0.9	16	0.9			0		
Total	1,732	100.0	1,722	100.0	N.A.		6	100.0	

METROPOLITAN PLANNING PROJECT/COMMUNITY PROFILE # 196 NAHANT

ECONOMIC CHARACTERISTICS

MEDIAN INCOME: 1960 CENSUS; 1970 CENSUS									
Year	Families			Unrelated Individuals					
	All	White	Black	Spanish-American	All	White	Black	Spanish-American	
1960	N.A.				N.A.				
1970	\$12,654	\$12,612	N.A.	\$11,000	\$5,145	\$5,250	N.A.	N.A.	

1970 CENSUS: EMPLOYMENT STATUS BY RACE of Persons 16 Years of Age and Over in Labor Force									
Employment Status	Total Population		White		Black		Spanish-American		
	#	%	#	%	#	%	#	%	%
Employed	1,732	96.1	1,722	96.0			6		100.0
Unemployed	71	3.9	71	4.0			0		
Total	1,803	100.0	1,793	100.0	N.A.		6		100.0

NETROPOLITAN PLANNING PROJECT/COMMUNITY PROFILE # 196 NAHANT

ECONOMIC CHARACTERISTICS

1970 CENSUS: Number of Persons in Families and Number of Unrelated Individuals with Income Less Than Poverty Level								
Family Status	Total Population		White		Black		Spanish-American	
	#	%	#	%	#	%	#	%
Persons in Families	95	62.9	95	65.1			0	
Unrelated Individuals	56	37.1	51	34.9			0	
Total	151	100.0	146	100.0	N.A.		0	

1970 CENSUS: Number of Related Children Under 18 in Families Below Poverty Level by Presence of Parents								
Parental Presence	Total Population		White		Black		Spanish-American	
	#	%	#	%	#	%	#	%
Living with Both Parents	10	0.8	10	0.8			0	
Other	19	1.4	19	1.4			0	
Total	29	2.2	29	2.2	N.A.		0	

METROPOLITAN PLANNING PROJECT/COMMUNITY PROFILE # 196 NAHANT

ECONOMIC CHARACTERISTICS

CHARACTERISTICS OF INDUSTRIAL FIRMS: 1967					
Industry	Number of Firms	Annual Payroll in \$	Average Number of Employees	Average Annual Wage in \$	
Agriculture and Mining	2	36,708	10	3,671	
Construction	8	43,434	14	3,102	
Manufacturing	2	11,642	6	1,940	
Transportation, Communication, and Utilities	1	4,119	1	4,119	
Wholesale and Retail Trade	12	113,605	57	1,993	
Finance, Insurance, Real Estate	0	0	0	0	
Service Industries	32	504,395	180	2,802	
Total	57	N.A.	N.A.	N.A.	

METROPOLITAN PLANNING PROJECT/COMMUNITY PROFILE # 196 NAHANT

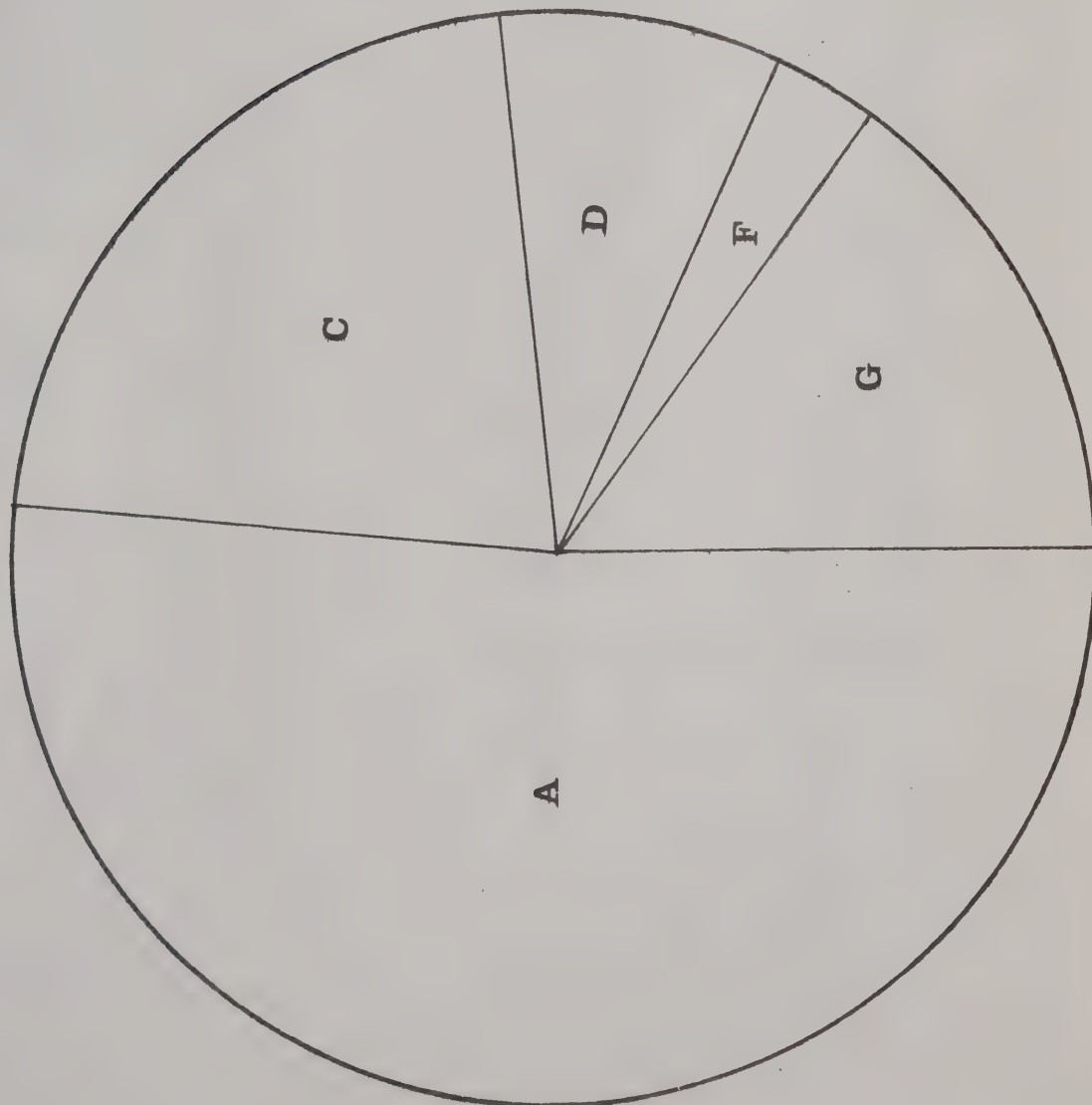
ECONOMIC CHARACTERISTICS

CHARACTERISTICS OF INDUSTRIAL FIRMS: 1972					
Industry	Number of Firms	Annual Payroll in \$	Average Number of Employees	Average Annual Wage in \$	
Agriculture and Mining	1	12,186	2	6,093	
Construction	5	106,010	8	13,251	
Manufacturing	1	13,768	3	4,589	
Transportation, Communication, and Utilities	1	3,341	1	3,341	
Wholesale and Retail Trade	11	217,409	97	2,241	
Finance, Insurance, Real Estate	2	12,592	3	4,197	
Service Industries	13	528,136	125	4,225	
Total	34	893,442	239	3,738	

METROPOLITAN PLANNING PROJECT/COMMUNITY PROFILE # 196

1971 LAND USE PATTERN IN

NAHANT



METROPOLITAN PLANNING PROJECT/COMMUNITY PROFILE # 196 NAHANT

HOUSING CHARACTERISTICS

1970 CENSUS: SELECTED HOUSING CHARACTERISTICS											
Total Housing Units				Occupied Housing Units				Median Value Owner Occupied Unit		Median Contract Rent	
Total		Vacant		Occupied		Total		Owner Occupied		Renter Occupied	
#	%	#	%	#	%	#	%	#	%	#	%
1,397	100.0	158	11.3	1,239	88.7	1,239	100.0	894	72.2	345	27.8
								\$		\$	
								24,000		125	

1970 CENSUS: NUMBER OF HOUSING UNITS by Occupancy Status and Race of Head of Household						
Occupancy Status	Total		White Head of Household		Black Head of Household	
	#	%	#	%	#	%
Owner Occupied	894	69.7	891	72.4	0	
Renter Occupied	345	26.9	340	27.6	2	100.0
Vacant Year Round	43	3.4	Not Applicable			
Total	1,282	100.0	1,231	100.0	2	100.0

BUILDING PERMITS ISSUED FOR NEW Dwelling Units: 1960-1971	
Year Issued	Number
1960-1964	62
1965-1970	39
1971	11
Total	112

METROPOLITAN PLANNING PROJECT/COMMUNITY PROFILE # 196 NAHANT

HOUSING CHARACTERISTICS

NUMBER OF SUBSIDIZED HOUSING UNITS BY TYPE OF UNIT BY CONSTRUCTION STATUS: 1973										
Status	Total Subsidized Units	Low Income Units			Moderate Income Units			MHFA Low-Moderate Income Units		
		Elderly	Family	Leased	Elderly	Family Homeownership	Rental Assistance	Low	Moderate	
Completed	14	0	14	0	0	0	0	0	0	
Under Construction	0									
In Planning	0									

1970 CENSUS: AGE OF HOUSING UNITS									
Year Built	Total Housing Units		Black Occupied Housing Units		Other Occupied Housing Units		Spanish-American Occupied Housing Units		
	#	%	#	%	#	%	#	%	
1965-March 1970	33	2.6							
1960-1964	11	0.9							
1950-1959	237	18.3							
1940-1949	107	8.3							
1939 or earlier	906	70.0							
Total	1,294	100.0	N.A.		N.A.		N.A.		

METROPOLITAN PLANNING PROJECT/COMMUNITY PROFILE # 196 NAHANT

HOUSING CHARACTERISTICS

1970 CENSUS: NUMBER OF PERSONS PER ROOM IN OCCUPIED HOUSING UNITS by Race of Head of Household						
Persons per Room	Total Occupied		Black Occupied		Other Occupied	
	Units	%	Units	%	Units	%
	#		#		#	
1.00 or less	1,187	95.8				
1.01 to 1.50	48	3.9				
1.51 or more	4	0.3				
Total	1,239	100.0	N.A.		N.A.	

1970 CENSUS: Average Number of Persons per Housing Unit	
Total Occupied Housing Units	3.3
Black Occupied Housing Units	N.A.
Other Occupied Housing Units	N.A.
Spanish-American Occupied Housing Units	N.A.

1970 CENSUS: TYPE OF HOUSING STRUCTURE		
Type	# of Structures	% of Housing Units
1 Unit	955	73.8
2 Units	240	18.5
3-4 Units	43	3.3
5-9 Units	26	2.0
10 or more Units	30	2.3
Mobile Home or Trailer	0	
Total	1,294	100.0

METROPOLITAN PLANNING PROJECT/COMMUNITY PROFILE # 196 NAHANT

HOUSING CHARACTERISTICS

1970 CENSUS: VALUE OF OWNER OCCUPIED HOUSING UNITS BY RACE OF HEAD OF HOUSEHOLD									
	Total Owner Occupied Units		Black Owner Occupied Units		Other Owner Occupied Units		Spanish-American Owner Occupied Units		
	#	%	#	%	#	%	#	%	
Less than \$5,000	0								
\$5,000 - \$7,499	11	1.4							
\$7,500 - \$9,999	12	1.5							
\$10,000 - \$12,499	25	3.2							
\$12,500 - \$14,999	32	4.1							
\$15,000 - \$17,499	81	10.3							
\$17,500 - \$19,999	96	12.2							
\$20,000 - \$24,999	175	22.3							
\$25,000 - \$34,999	229	29.2							
\$35,000 - \$49,999	82	10.4							
\$50,000 and over	42	5.4							
Total	785	100.0	N.A.		N.A.		N.A.		N.A.

METROPOLITAN PLANNING PROJECT/COMMUNITY PROFILE # 196 NAHANT

HOUSING CHARACTERISTICS

1970 CENSUS: MONTHLY GROSS RENT BY RACE OF HEAD OF HOUSEHOLD									
Monthly Gross Rent	Total Renter Occupied Units		Black Renter Occupied Units		Other Renter Occupied Units		Spanish-American Renter Occupied Units		
	#	%	#	%	#	%	#	%	
Less than \$30	0								
\$30 - \$49	7	2.1							
\$50 - \$69	24	7.1							
\$70 - \$89	18	5.3							
\$90 - \$119	53	15.6							
\$120 - \$149	71	20.9							
\$150 - \$199	111	32.6							
\$200 - \$249	23	6.8							
\$250 - \$299	10	2.9							
\$300 or more	12	3.5							
No Cash Rent	11	3.2							
Total	340	100.0	N.A.		N.A.		N.A.		

School	District #	196
School #	005	
1	005	1
2	005	2
3	005	3
4	005	4
5	005	5
6	005	6
7	005	7
8	005	8
9	005	9
10	005	10
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93	005	93
94	005	94
95	005	95
96	005	96
97	005	97
98	005	98
99	005	99
100	005	100

1973-74

School District:	Nahant
School Name:	Johnson
No. & Street:	Castle Road
City, State, Zip:	Nahant, Mass. 01908
Grade Organization:	K-6
Facilities:	
Initial Construction Date:	1954
Dates of Additions or Changes:	
# Rooms, Instructional Use:	4
# Rooms, Other Uses:	8
TOTAL	22

1973-74	
Federal Programs	
Title I:	
Type of Program:	
# of Students:	0
% School Enrollment:	
Lunch Program:	
# Students, Free:	
# Students, Reduced Price:	
TOTAL	0
% School Enrollment:	
Bilingual Program:	
# Eligible Students:	0
% School Enrollment:	
METCO Interdistrict Program:	
# Students:	0
% School Enrollment:	

[illegible]

School District # 196
School # 005

STUDENT ETHNIC CENSUS: 1973-74							
	Total	White	Non-white	Non-white			
				Black	Native-American	Asian-American	Spanish Surname
Number	193	192	1	0	0	0	1
Percent	100.0	99.5	0.5				0.5

RACIAL CENSUS: 1967-68, 1970-71, 1972-73					
Years	Total Enrollment	White		Non-white	
		#	%	#	%
1967-1968	175	175	100.0	0	
1970-1971	203	202	99.5	1	0.5
1972-1973	188	188	100.0	0	

RACIAL CENSUS: ENROLLMENT CHANGE 1967-1972				
	#	%		% Change in Proportional Distribution
TOTAL	+13		+7.4	
White	+13		+7.4	0.0
Non-white	0		0.0	0.0

ELIGIBLE TRANSITIONAL BILINGUAL STUDENTS: 1973-74		
Language	Number of Students	Percent of Bilingual Enrollment
TOTAL	0	
Chinese		
French		
Greek		
Italian		
Portuguese		
Spanish		
Other		

METROPOLITAN PLANNING PROJECT/INDIVIDUAL SCHOOL PROFILE

School District #	196
School #	010
1973-74	
Federal Programs	
Title I:	
Type of Program:	
# of Students:	0
% School Enrollment:	
Lunch Program:	
# Students, Free:	
# Students, Reduced Price:	0
TOTAL	
% School Enrollment:	
Bilingual Program:	
# Eligible Students:	0
% School Enrollment:	
METCO Interdistrict Program:	
# Students:	0
% School Enrollment:	

1973-74
School District: Nahant
School Name: Wilson
No. & Street: Nahant Road
City, State, Zip: Nahant, Mass. 01908
Grade Organization: 1-2
Facilities:
Initial Construction Date: 1914
Dates of Additions or Changes:
Rooms, Instructional Use: 11
Rooms, Other Uses: 9
TOTAL 20

[illegible]

STUDENT ETHNIC CENSUS: 1973-74							School District # 196
							School # 010
	Total	White	Non-white	Black	Native-American	Asian-American	Spanish Surname
Number	136	133	3	1	0	0	2
Percent	100.0	97.8	2.2	0.7			1.5

RACIAL CENSUS: 1967-68, 1970-71, 1972-73					
Years	Total Enrollment	White #	White %	Non-white #	Non-white %
1967-1968	144	144	100.0	0	
1970-1971	157	155	98.7	2	1.3
1972-1973	154	154	100.0	0	

RACIAL CENSUS: ENROLLMENT CHANGE 1967-1972			
	#	%	% Change in Proportional Distribution
TOTAL	+10	+6.9	
White	+10	+6.9	0.0
Non-white	0	0.0	0.0

ELIGIBLE TRANSITIONAL BILINGUAL STUDENTS: 1973-74		
Language	Number of Students	Percent of Bilingual Enrollment
TOTAL	0	
Chinese		
French		
Greek		
Italian		
Portuguese		
Spanish		
Other		

METROPOLITAN PLANNING PROJECT/INDIVIDUAL SCHOOL PROFILE

1973-74	Nahant
School District:	
School Name:	Valley Road
No. & Street:	Valley Road
City, State, Zip:	Nahant, Mass. 01908
Grade Organization:	3-4
Facilities:	
Initial Construction Date:	1914
Dates of Additions or Changes:	
# Rooms, Instructional Use:	11
# Rooms, Other Uses:	8
TOTAL	19

School District #	196
School #	015
1973-74	
Federal Programs	
Title I:	
Type of Program:	
# of Students:	0
% School Enrollment:	
Lunch Program:	
# Students, Free:	
# Students, Reduced Price:	
TOTAL	0
% School Enrollment:	
Bilingual Program:	
# Eligible Students:	0
% School Enrollment:	
METCO Interdistrict Program:	
# Students:	0
% School Enrollment:	

[illegible]

STUDENT ETHNIC CENSUS: 1973-74							School District # 196	School # 015
	Total	White	Non-white	Black	Native-American	Non-white Asian-American	Spanish Surname	
Number	154	153	1	0	0	0	1	
Percent	100.0	99.4	0.6				0.6	

RACIAL CENSUS: 1967-68, 1970-71, 1972-73					
Years	Total Enrollment	White		Non-white	
		#	%	#	%
1967-1968	132	131	99.2	1	0.8
1970-1971	134	133	99.3	1	0.7
1972-1973	138	138	100.0	0	

RACIAL CENSUS: ENROLLMENT CHANGE 1967-1972			
	#	%	% Change in Proportional Distribution
TOTAL	+6	+4.5	
White	+7	+5.3	+0.8
Non-white	-1	-100.0	-100.0

ELIGIBLE TRANSITIONAL BILINGUAL STUDENTS: 1973-74		
Language	Number of Students	Percent of Bilingual Enrollment
TOTAL	0	
Chinese		
French		
Greek		
Italian		
Portuguese		
Spanish		
Other		

METROPOLITAN PLANNING PROJECT/INDIVIDUAL SCHOOL PROFILE

1973-74

School District:	Nahant
School Name:	Nahant Jr. High
No. & Street:	Castle Road
City, State, Zip:	Nahant, Mass. 01908
Grade Organization:	7-9
Facilities:	
Initial Construction Date:	1962
Dates of Additions or Changes:	
# Rooms, Instructional Use:	13
# Rooms, Other Uses:	17
TOTAL	30

School District # 196	
School # 405	
1973-74	
Federal Programs	
Title I:	
Type of Program:	
# of Students:	0
% School Enrollment:	
Lunch Program:	
# Students, Free:	
# Students, Reduced Price:	
TOTAL	0
% School Enrollment:	
Bilingual Program:	
# Eligible Students:	0
% School Enrollment:	
METCO Interdistrict Program:	
# Students:	0
% School Enrollment:	

STAFF ETHNIC CENSUS: 1973-74

[illegible]

METROPOLITAN PLANNING PROJECT/INDIVIDUAL SCHOOL PROFILE -- continued/2

School District # 196
School # 405

STUDENT ETHNIC CENSUS: 1973-74					
	Total	White	Non-white	Non-white	
				Black	Native-American
					Asian-American
					Spanish Surname
Number	194	193	1	0	0
Percent	100.0	99.5	0.5		

RACIAL CENSUS: 1967-68, 1970-71, 1972-73					
Years	Total Enrollment	White		Non-white	
		#	%	#	%
1967-1968	205	203	99.0	2	1.0
1970-1971	194	192	99.0	2	1.0
1972-1973	189	189	100.0	0	

RACIAL CENSUS: ENROLLMENT CHANGE 1967-1972			
	#	%	% Change in Proportional Distribution
TOTAL	-16	-7.8	
White	-14	-6.9	+1.0
Non-white	-2	-100.0	-100.0

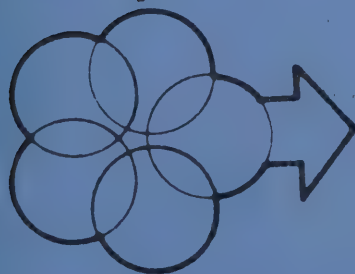
ELIGIBLE TRANSITIONAL BILINGUAL STUDENTS: 1973-74		
Language	Number of Students	Percent of Bilingual Enrollment
TOTAL	0	
Chinese		
French		
Greek		
Italian		
Portuguese		
Spanish		
Other		

METRO WAYS TO UNDERSTANDING

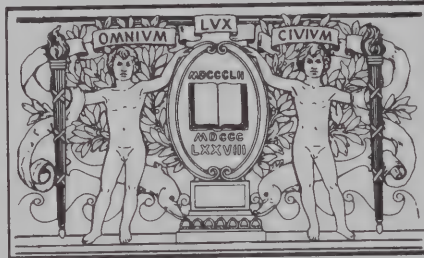
A PLAN FOR THE VOLUNTARY ELIMINATION OF
RACIAL AND ETHNIC ISOLATION IN THE SCHOOLS
OF THE BOSTON METROPOLITAN AREA

VOLUME III COMMUNITY PROFILES

TOWN OF
NATICK



THE METROPOLITAN PLANNING PROJECT



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METRO WAYS TO UNDERSTANDING:

A Plan for the Voluntary Elimination of
Racial and Ethnic Isolation in the Schools of
The Boston Metropolitan Area

VOLUME III THE COMMUNITY PROFILES

Community Profile # 198
Town of Natick

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1973-74

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1973-74

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Chinese Community Counsel

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Oak Hill School, Newton

DonnaMarie White,
Project Follow Through

Annette Yuan,
Student, Newton High School

ABSTRACT

The Metropolitan Planning Project is a collaborative effort of 17 school districts supported by an additional 39 approving school districts within the Boston Metropolitan Area. Its mandate is to develop a Ten Year Plan for the phased elimination of racial and ethnic isolation in the area's schools through voluntary school district collaboration. The Project is funded by the U.S. Office of Education under the Emergency School Aid Act of 1972.

METROWAYS TO UNDERSTANDING: A Plan for the Voluntary Elimination of Racial and Ethnic Isolation in the Schools of the Boston Metropolitan Area is a phased Ten Year Plan which is a result of the process that the Metropolitan Planning Project has undergone during this year of planning. The Project has worked to achieve effective community participation in an effort to design quality learning environment programs for students. As a result of a city and suburban exchange of ideas, the Metropolitan Planning Project has helped to promote the development of over 78 proposals in 32 cities and towns for the design of new innovative learning environments. With a \$300,000 allocation for pilot programming, 14 pilot projects were funded to test MPP objectives. The projects included students from pre-kindergarten through high school age. The focus ranged from American history, art, ecology, energy, comparative life styles to Afro-American, Hispanic, Native-American, and Chinese-American cultures.

The Project has also compiled extensive data on the educational, demographic, housing, fiscal, socio-economic, land use and ethnic and racial characteristics of the 78 towns and cities in the greater Boston standard metropolitan statistical area (SMSA). This information was developed as a needs analysis and resource inventory and has been utilized in the development of the recommended educational programs. It provides the basis for program implementation. The Ten Year Plan METROWAYS TO UNDERSTANDING is aimed at promoting voluntary collaboration between urban and suburban school districts and includes the involvement of students, parents, teachers, school principals, superintendents, community organizations and others concerned with education.

During the 1974-75 school year, the Metropolitan Planning Project will pilot some of the policy recommendations developed through this participatory planning process. These recommendations include:

METROPATHWAYS - Quality innovative educational programs which will be accessible to secondary school students of different socio-economic, racial, and ethnic background within the metropolitan area by utilizing mass transit routes.

METROPAIRWAYS - Parents and school personnel from pairs or triads of city and suburban districts will meet to formulate educational programs of equal benefit to the students. Learning centers will be developed in two or three schools and each will serve as a supplement to the educational quality of each individual school.

METROETHNIC HERITAGE RESOURCE CENTERS - These will be coordinated within METROCENTER and will promote the study, compilation, production and distribution of materials and information related to minorities and ethnic groups of the SMSA. It will also be an action program for the development of other resource centers in the metropolitan area.

METROCENTER FOR COMMUNICATIONS, COUNSELLING, AND RESOURCE DEVELOPMENT - This center will coordinate the metropolitan educational programs and serve as an information and resource "bank" for students, parents, community groups and educators throughout the metropolitan area who wish to be involved in urban-suburban educational programs and staff development programs aimed at eliminating racial and ethnic isolation of students.

ACKNOWLEDGEMENT

I wish to thank Dr. Forbes Bottomly for his encouragement and support of this research approach; Edward Feinman and Leslie S. May who, together with the Support Research Staff and myself, developed the analyses in Volume II RESOURCES FOR IMPLEMENTATION and Volume III COMMUNITY PROFILES. Our grateful appreciation to Mrs. Helen Taggart who formatted and typed the research materials.

Marcia Marker Feld,
Executive Director

Executive Director: September 1973 - June 1974

Dr Forbes Bottomly

Support Research Staff: September 1973 - June 1974

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INTRODUCTION TO THE NOTES AND SOURCES FOR THE COMMUNITY PROFILES

The Community Profiles were developed for the 78 municipalities that comprise the study area of the Metropolitan Planning Project (MPP). The study area is defined as the 1963 Boston standard metropolitan statistical area (SMSA) boundaries. The Profiles were prepared to meet the mandate of Objective B of the Support Research component of the MPP proposal. This mandate is:

To develop profiles and analysis of social, ethnic, economic, and educational characteristics of the metropolitan area and of its individual communities.

The purpose of these profiles are to serve as the data base for the Ten Year Plan and to develop information for the implementation of educational programs through the analyses of the interaction between the education system and related urban functional systems.

A Community Profile was developed for each of the following cities and towns:

Arlington	Lexington	Randolph
Ashland	Lincoln	Reading
	Lynn	Revere
Bedford	Lynnfield	Rockland
Belmont		
Beverly	Malden	Salem
Boston	Manchester	Saugus
Braintree	Marblehead	Scituate
Brookline	Marshfield	Sharon
Burlington		Sherborn
	Medfield	Somerville
Cambridge	Medford	Stoneham
Canton	Melrose	Sudbury
Chelsea	Middleton	Swampscott
Cohasset	Millis	
Concord	Milton	Topsfield
Danvers	Nahant	Wakefield
Dedham	Natick	Walpole
Dover	Needham	Waltham
Duxbury	Newton	Watertown
	Norfolk	Wayland
Everett	North Reading	Wellesley
	Norwell	Wenham
Framingham	Norwood	Weston
		Westwood
Hamilton	Peabody	Weymouth
Hanover	Pembroke	Wilmington
Hingham		Winchester
Holbrook	Quincy	Winthrop
Hull		Woburn

There are also Profiles for each of the following regional school districts:

Dover-Sherborn
Experimental School System of the Commonwealth of Massachusetts
Hamilton-Wenham
Lincoln-Sudbury
North Shore Regional Vocational

The information in the Community Profiles assess the needs and resources of each community. It is helpful in planning for the future of each school system as well as in the development of educational curricula and programs. These will utilize school and community based resources for metropolitan educational programs for the elimination of racial and ethnic student isolation in the school districts of the SMSA. More detailed analyses of each of these communities, including a series of tables comparing these school districts and an "Analyses of Grouped Communities", are found in earlier Volumes.

These notes were prepared so that persons interested in obtaining further detailed information or in updating present data can easily do so. The source of the information and where it is located is given for each table. Non-classified government information is available by public law to all persons. This includes individual public school records as well as municipal, county, state, and federal data.

There are two sections of the Community Profiles. The first section, Community Profiles, displays educational and educational-related information about the community. The second section, Individual School Profiles, displays educational information about each individual school in the district. The page number at the beginning of a table corresponds to the page number of the Community Profile. Each Individual School Profile is 2 pages and notes for the tables are consistent with this format.

NOTES AND SOURCES FOR THE COMMUNITY PROFILES

EDUCATIONAL CHARACTERISTICS

PAGE 1 - NUMBER OF SCHOOLS AND ENROLLMENT

By Type of School: 1973-74

The information on the total number of schools in a school district, as well as the number of Elementary, Junior High, High Schools, Special and Ungraded, Regional, and Vocational Schools in a district, were obtained from the Massachusetts State Department of Education, Bureau of Educational Information Services, Massachusetts School Directory 1973-74. This publication lists the name, address, and grade organization of each school in the Commonwealth. It notes which schools are Special, Ungraded, Regional, or Vocational. Elementary Schools are those schools composed of one or all the grades K through 5 or grades K through 6. Junior High Schools are those schools composed of one or all the grades 6 through 8; schools with grades 5-6, 5-7, 5-8, and 7-9 are counted as Junior High Schools. High Schools are those schools composed of one or all of the grades 9 through 12.

The "Total", "White", and "Non-white" enrollments for each type of school were obtained from a survey conducted by the Massachusetts State Department of Education, Division of Research, Planning, and Evaluation, Enrollment by Classification, Exhibit II, 1973-74. The enrollments for all Elementary Schools, Junior High Schools, High Schools, Special and Ungraded Schools, Regional Schools, and Vocational Schools in a school district which is recorded in this table were totalled by the Metropolitan Planning Project (MPP) support research staff.

PAGE 1 - SCHOOL ATTENDING CHILDREN IN PUBLIC and Non-public Schools

This information was obtained from the Commonwealth of Massachusetts, Annual Report of the State Department of Education for the Year Ending June 30, 1968; Annual Report ... June 30, 1971; and Annual Report ... June 30, 1973. The percentage of "Public" and "Non-public" school attending children were calculated by the MPP support research staff.

PAGE 1 - EDUCATIONAL COLLABORATIVE PARTICIPATION 1973-74

The educational collaboratives listed in this table were found in the following sources:

The Massachusetts State Department of Education, Bureau of Educational Information Services, Massachusetts School Directory, 1973-74; Institute for Educational Services, Inc., "Survey on Collaboration", 1971; Metropolitan Planning Project Support Research Component Telephone Survey, 1974; Massachusetts State Department of Education, Division of Curriculum and Instruction, Kaleidescope 7, 1973,

Other educational collaboratives in the Boston metropolitan area were not available from these sources.

PAGE 1 - 1970 CENSUS: SCHOOL ENROLLMENT FOR
Level and Type of School by Race
(Population 3 - 34 years)

This information was obtained from the United States Department of Commerce, Bureau of the Census, 1970 Census of Population and Housing. U.S. Census information is available in published monographs, which are available at libraries and governmental agencies, and on computer tapes. The data on computer tape is organized into sequences and each sequence is referred to as a "count". Within each "count", the data is subdivided into tables, and each table has been given a number and title. The information in this table was obtained from the 4th Count Population Summary Tapes for Massachusetts, Table 38, "Population 3 Years Old and Over Enrolled in School by Level and Type of School." This information was based on a 15 percent sample survey. The percentages may not add up to 100 percent because of rounding. An N.A. indicates that this information was not available for the school district. The "Spanish-American" category includes people who are both "White" and "Black" according to the Census definition so that the total of the "White", "Black" and "Spanish-American" columns will never equal the "Total" population column.

PAGE 1 - FEDERALLY-FUNDED PROGRAMS: 1973-74

The information on Title I students in each school district was obtained from the Massachusetts State Department of Education, Division of Curriculum and Instruction, Bureau of Curriculum Services, Title I ESEA, "Unpublished Title I Program Documents, 1973-74". The Title III information was obtained from the Massachusetts State Department of Education, Division of Curriculum and Instruction, Bureau of Curriculum Services, Title III ESEA, Kaleidescope 7, 1973 and the Metropolitan Planning Project support research staff telephone survey of Title III Program Directors, July-August, 1974. The percent total enrollment was calculated by dividing the number of students in Title I and III programs by the total number of students in the district during the 1973-74 school year. The total number of students was obtained from the Massachusetts

State Department of Education, Division of Research, Planning, and Evaluation, Enrollment by Classification, Exhibit II, 1973-74. This is the same total that appears in the "Student Ethnic Census: 1973-74" table on page 2.

The Title I and Title III programs are funded by the U.S. Office of Education and were enacted by the U.S. Congress as part of the 1965 Elementary and Secondary Education Act (ESEA). The Title I program provides assistance for "educationally deprived and neglected and delinquent children." The Title III program "supports proposals to advance creativity in education."

PAGE 2 - RACIAL CENSUS: 1967-68; 1970-71; 1972-73

The information on the "Total", "White", and "Non-white" enrollments for these three school years was obtained from the Massachusetts State Department of Education, Division of Research, Planning, and Evaluation, Racial Census, October, 1967; Racial Census, October, 1970; and Racial Census, October, 1972. The Racial Census does not indicate which students were considered "White" and which were considered "Non-white".

PAGE 2 - RACIAL CENSUS: ENROLLMENT CHANGE 1967-1972

These figures were calculated from the previous table by the MPP support research staff. The figures under the number sign (#) column were calculated by subtracting from the "Total", "White" or "Non-white" enrollment for the 1972-73 school year the "Total", "White" or "Non-white" enrollment for the 1967-68 school year. For example, if the 1972-73 total enrollment was 100 students and the 1967-68 enrollment was 50 students, the enrollment change would be +50(100-50) and this figure would appear in the appropriate box. The figures under the percent (%) column were derived by dividing the difference between the 1972-73 and 1967-68 enrollment by the 1967-68 enrollment. If the difference, for example, between the 1972-73 and 1967-68 enrollments was +50 and the 1967-68 enrollment was 50, the percent change would be +100 (+50/50). The figures under the "% Change in Proportional Distribution" column were calculated as follows:

The "% White" (or "% Non-white") for 1972-73 was subtracted from the "% White" (or "% Non-white") for 1967-68.

This difference was divided by the "% White"(or "% Non-white") for 1967-68 and this is the figure that was recorded. For example, if the "% White" in 1967-68 was 75% and the "% White" in 1972-73 was 50%, the "% Change in Proportional Distribution" would be calculated as follows:
$$(50-75)/75 = (-25)/75 = -0.33.$$

Since the percent "Total Enrollment" is always 100%, no "% Change in Proportional Distribution" was calculated or recorded for "Total Enrollment". If there is a percent change from 0 to any number the "% Change in Proportional Distribution" is mathematically undefined. This is noted by the word "Undefined".

PAGE 2 - STUDENT ETHNIC CENSUS: 1973-74

This information was obtained from the Massachusetts State Department of Education, Division of Research, Planning, and Evaluation, Enrollment by Classification, Exhibit II, 1973-74. The figures in the "White" column include white students and students of racial backgrounds other than "Black", "Native-American", "Asian-American", and "Spanish Surname". "Spanish Surname" students were placed in the "Non-white" category.

PAGE 2 - FOLLOW-UP OF HIGH SCHOOL GRADUATES: 1968; 1972

The information on the post high school placement of 1968 graduates was obtained from the Massachusetts State Department of Education, Division of Research, Planning, and Evaluation, Distribution of Graduating Class, 1969. The number of students in each of the various placement categories may not equal the total number of high school graduates because information on all placements was not available. Some of the school districts are members of regional high schools so that information on their high school students would be included in the regional high school data. There is, therefore, no information recorded for the following school districts (the name of the regional high school their students attend is in parentheses):

- Concord (Concord-Carlisle Regional High School)
- Dover (Dover-Sherborn Regional High School)
- Hamilton (Hamilton-Wenham Regional High School)
- Lincoln (Lincoln-Sudbury Regional High School)
- Middleton (Masconomet Regional High School)
- Nahant (all Nahant high school students attend high schools in Lynn)
- Norfolk (King Philip Regional High School)
- Sherborn (Dover-Sherborn Regional High School)
- Sudbury (Lincoln-Sudbury Regional High School)
- Topsfield (Masconomet Regional High School)
- Wenham (Hamilton-Wenham Regional High School)

If there was no information available on high school graduates in a particular district, this is noted by an N.A. in the first column (under the # sign). The information on the 1972 graduates was obtained from the Massachusetts State Department of Education, Division of Research, Planning, and Evaluation, Distribution of High School Graduates, Class of 1972, Fall 1973. The districts which sent their high school students to regional schools in 1968 remained the same and, therefore, no information on 1972 high school graduates for these districts is recorded. In addition to these districts, there will be no information for Pembroke since their high school students now attend Silver Lake Regional High School. The percentages in the 1972 column may not add up to 100% because of rounding.

PAGE 2 - ELIGIBLE TRANSITIONAL BILINGUAL STUDENTS: 1973-74

The number of students eligible for a transitional bilingual program was obtained from the Massachusetts State Department of Education, Bureau of Transitional Bilingual Education, Census of Children of Limited English Speaking Ability on October 1, 1973, under Chapter 71A, Act of 1971. This Census of all public school students is conducted each year in order to determine how many students are of limited English speaking ability as defined in Chapter 71A and, thus, eligible for transitional bilingual classes. The "Percent of Bilingual Enrollment" was calculated by the MPP support research staff by dividing the number of students in each language category, such as "Chinese" or "French" by the "Total" number of eligible bilingual students.

PAGE 3 - PUBLIC SCHOOL STUDENT ENROLLMENTS: 1964 - 1982

Past Enrollments: 1964 - 1972

Projected Enrollments: 1973 - 1982

This information was prepared for the Metropolitan Planning Project by the Organization for Social and Technical Innovation, Inc. (OSTI).

These enrollment projections are based on time-series enrollment data from 1964 through 1972, obtained from the Massachusetts State Department of Education, Division of Research, Planning and Evaluation. The source of the historical enrollment data for the forecast categories "Total K-12", "Total K-6", "Total 7-12", "White K-12" and "Non-white K-12" was the superintendent's report entitled Census Report.

The numbers in parentheses under each forecast category represents the R^2 (coefficient of determination) for that particular projected enrollment series. It is presented to indicate a rough sense of the reliability of each forecast -- R^2 's of .8 or .9 are very reliable, R^2 's of .5, .6, or .7 are good, and R^2 's of .4 or less are unreliable. When the projections for subcategories (for example, "White K-12" and "Non-white K-12" are subcategories of "Total K-12") are totaled, they do not necessarily equal the projected enrollment figures for the total category. This is because each forecast category was projected independently from the others and the projections selected are not necessarily each derived from the same mathematical equation, since the best projection was selected for each forecast category largely independent of the projections selected for other forecast categories.

School districts with no projections presented or particular forecast categories left blank means the projection here was entirely unsuccessful, sometimes for mathematical reasons, sometimes because of missing years of historical data, and sometimes because of almost certain incorrect historical enrollment data.

PAGE 4 - NUMBER OF TEACHERS BY RACE: 1972-73

This information was obtained from the U.S. Department of Health, Education, and Welfare, Office for Civil Rights, Directory of Public Elementary and Secondary

Schools in Selected Districts, Enrollment and Staff by Racial/Ethnic Group, Fall, 1974. Since this information was collected from selected school districts, data was only available for 68 of the 83 Boston metropolitan area districts. MPP support research staff contacted the remaining districts to complete the survey. The following school districts provided this information:

Cohasset
Dover
Dover-Sherborn Regional High School
Experimental School System of the Commonwealth of Massachusetts
Hamilton-Wenham Regional High School
Holbrook
Manchester
Nahant
Topsfield
Wenham

An N.A. indicates that this information was not available for the school district. Spanish Surname teachers were placed in the "Non-white" category.

PAGE 4 - NUMBER OF TEACHERS, TEACHER-AIDES, AND OTHER PROFESSIONAL STAFF: 1973-74

This information was obtained from the U.S. Equal Employment Opportunity Commission, Elementary-Secondary Staff Information (EEO-5), October 1, 1973. Since this information was collected on a selected school district basis, the MPP support research staff surveyed the remaining districts to obtain this information. The following school districts provided this information:

Ashland
Beverly
Braintree
Cohasset
Experimental School System of the Commonwealth of Massachusetts
Framingham
Hamilton-Wenham Regional High School
Manchester
Medfield
Medford
Middleton
Millis
Nahant
Norfolk
Pembroke
Saugus
Sherborn
Sudbury
Topsfield
Walpole

The "Other Professional Staff" category include the following staff positions: Officials, Administrators, Managers, Principals, Assistant Principals, Guidance Personnel, Psychologists, Librarians, Supervisors of Instruction, and all other professional staff. An N.A. indicates that this information was not available for the school district.

PAGE 5 - SELECTED FINANCIAL CHARACTERISTICS

The information on "% Municipal Tax Dollar Spent on Education" was obtained from the Commonwealth of Massachusetts, Annual Report of the Department of Education for the Year Ending June 30, 1968; Annual Report ... June 30, 1971; Annual Report ... June 30, 1973.

The "% Municipal Tax Dollar Spent on Education" was calculated by the MPP support research staff by dividing the school tax rate by the general tax rate. For example, if the school tax rate in a town was \$24 and the total tax rate was \$48, the "% Municipal Tax Dollar Spent on Education" would be 50% (24/48).

The information on "Comprehensive Per Pupil Expenditure" was obtained from the Massachusetts State Department of Education, Division of Research, Planning, and Evaluation, Per Pupil Expenditures 1967-68; Per Pupil ... 1970-71; Per Pupil ... 1972-73. This per pupil expenditure is the integrated per pupil cost for the Regular Day, Vocational Day, and Special Education Programs and pro-rated Regional School Expenditures divided by the average membership of students in those programs.

The information on "Public School Attending Children Transported at Public Expense" was obtained from the Commonwealth of Massachusetts, Annual Report of the Department of Education for the Year Ending June 30, 1968; Annual Report ... June 30, 1971; Annual Report ... June 30, 1973. Discrepancies may appear in this table because the data received was unaudited.

The information on "Computative Equalized Property Valuation per School Attending Child" was obtained from the Massachusetts State Department of Education, Division of Research, Planning, and Evaluation, School Aid to Massachusetts Cities and Towns, (Chapter 70 Amended), 1967-68; School Aid ... 1970-71; School Aid ... 1972-73. Computative equalized property valuation for any one year is equal to the equalized property valuation the previous calendar year divided by the number of school attending children for that school year. For example, the computative equalized valuation for 1967-68 is derived by dividing the equalized property valuation for 1966 by the number of school attending children for 1967-68.

PAGE 5 - TAX RATE

This information was obtained from the Massachusetts Teachers Association, Background Data for Massachusetts School Districts 1973, Research Bulletin 734-9, 1973. The official tax rate is equal to a city or town's budget needs divided by the assessed value (tax rate=budget needs/assessed value). The equalized

tax rate is equal to the town's budget needs divided by the true market value of property in a city or town, as determined by the Massachusetts Department of Corporations and Taxation (equalized tax rate=budget needs/full market value). The tax rate indicates the number of dollars per \$1,000 of assessed valuation a person or corporation would be taxed on property owned.

PAGE 5 - SCHOOL TAX RATE

This information was obtained from the Massachusetts Teachers Association, Background Data for Massachusetts School Districts 1973, Research Bulletin 734-9, 1973. The official school tax rate is equal to a city or town's school budget needs divided by the assessed value (school tax rate=school budget needs/assessed value). The equalized school tax rate is equal to the town's school budget needs divided by the true market value of property in a city or town, as determined by the Massachusetts Department of Corporations and Taxation (equalized school tax rate=school budget needs/full market value). The school tax rate indicates the number of dollars per \$1,000 of assessed valuation a person or corporation would be taxed on property owned.

PAGE 5 - 1973 MOODY'S BOND RATING

This information was obtained from Moody's Investor Service, Moody's Bond Record, December 1973. The bonds were rated by Moody's Investor Service in the following order, with the first rating assigned to the bonds judged to be of highest quality and the last rating assigned to bonds judged to be of lowest quality:

Aaa	Baa	Caa
Aa	Ba	Ca
A	B	C

The bonds in the A and Baa groups which Moody's determined had the strongest investment attributes were designated by the symbols A-1 and Baa-1.

PAGE 5 - PUBLIC SCHOOL STUDENTS Receiving Subsidized Lunches: 1973-74

This information was obtained from the Massachusetts State Department of Education, Bureau of Nutrition Education and School Food Services Education, "Average Number of Lunches Served to Needy". The figures in this table was calculated by taking the number of needy students served lunches in a school during the month of January, 1974 and dividing this number of the number of days schools were opened that month. The average number of lunches served per day in each school were totalled by the MPP support research staff to develop the school district totals.

The "% of Total Enrollment" was calculated by dividing the number of lunch program students by the 1973-74 total school district enrollments obtained from the Massachusetts State Department of Education, Division of Research, Planning and Evaluation, Enrollment by Classification, Exhibit II, 1973-74.

PAGE 5 - STUDENTS ENROLLED IN METCO

The information on the number of METCO (Metropolitan Council for Educational Opportunities, Inc.) students during the 1967-68 school year was obtained from the Massachusetts State Department of Education, Bureau of Equal Education Opportunity, "Recommendations for Funding of Plans Submitted Under Chapter 506 of the Acts of 1966," 1968. The 1970-71 information was obtained from the Massachusetts State Department of Education, Bureau of Equal Educational Opportunity, "Fiscal Report, METCO 1970-71 Program". The 1972-73 information was obtained from the Massachusetts State Department of Education, Bureau of Equal Educational Opportunity, "Memorandum to Rae Cecilia Kipp [Chairman, State Board of Education] from Charles L. Glenn and Cecilia M. DiBella, August 22, 1972. Subject: METCO Program for 1972-73." The information for the 1973-74 school year was obtained from the METCO files "Unpublished Student Enrollment Records", August, 1974. This information was obtained on a school by school basis; the schools figures were totalled by the MPP support research staff to develop the school district totals.

The "% of Total Enrollment" for the 1967-68; 1970-71; and 1972-73 school years were calculated by dividing the number of METCO students by the total number of students for that particular year. The total number of students for those school years were obtained from the Massachusetts State Department of Education, Division of Research, Planning, and Evaluation, Racial Census, October, 1967; Racial ... 1970; Racial ... 1973. The "% of Total Enrollment" for the 1973-74 school year was calculated by dividing the "# METCO Students" by the 1973-74 district enrollments obtained from the Massachusetts Department of Education, Division of Research, Planning and Evaluation, Enrollment by Classification, Exhibit II, 1973-74. METCO is a state funded interdistrict transfer program which transports children from Boston to suburban school districts.

PAGE 6 - PERCENT DISTRIBUTION OF SCHOOL REVENUES: 1967-68; 1970-71; 1972-73

This information was obtained from the Commonwealth of Massachusetts, Annual Report of the Department of Education for the Year Ending June 30, 1968; Annual Report ... June 30, 1971; Annual Report ... June 30, 1973. The percentages were calculated by the MPP support research staff. The percentages may not add up to 100 percent because of rounding.

PAGE 6 - ABSOLUTE DOLLAR AND PERCENT CHANGES IN REVENUES: 1967-72

These figures were calculated from the previous table. The dollar (\$) "Changes in Public School Funds Provided 1967-72" were calculated by subtracting the 1972-73 dollar amounts for "Total Funds Provided", "Local Sources", and remaining categories from the 1967-68 dollar amounts. For example, if the total public school funds provided in 1972-73 were \$100,000 and the funds provided in 1967-68 were \$50,000, the absolute dollar change in revenues would be \$50,000 (\$100,000-\$50,000). The percent changes in revenues was calculated by dividing the difference

between the 1972-73 and 1967-68 funds provided by the 1967-68 amount. For example, if the 1972-73 total funds provided were \$100,000 and the 1967-68 funds provided were \$50,000, the percent "Change in Funds Provided" would be equal to $(\$100,000 - \$50,000) / \$50,000 = \$50,000 / \$50,000 = +100\%$. If there were no funds provided during 1967-68 for any of the categories, the percent change in revenues is mathematically undefined. This is noted by the word Undefined.

PAGE 6 - PERCENT CHANGE IN PROPORTIONAL DISTRIBUTION OF REVENUES: 1967-72

These figures were calculated from the first table on page 6. The "Percent Change in Proportional Distribution of Revenues" was derived as follows:

The percent of revenues from "Local Sources", "Commonwealth Sources", and remaining categories for the 1967-68 school year was subtracted from the 1972-73 school year figures then this difference was divided by the percent "Local Sources", "Commonwealth Sources", and remaining categories for the 1967-68 school year.

For example, if the percent of revenues from local sources in 1967-68 were 50% and the percent of revenues from local sources in 1972-73 were 75%, the "Percent Change in Proportional Distribution of Revenues: 1967-72" would equal $(75-50)/50 = 25/50 = +50\%$. If there is a percent change from 0 to any number, the "Percent Change in Proportional Distribution" is mathematically undefined. This is noted by the word Undefined.

PAGE 7 - PERCENT DISTRIBUTION OF SCHOOL EXPENDITURES: 1967-68; 1970-71; 1972-73

This information was obtained from the Commonwealth of Massachusetts, Annual Report of the Department of Education for the Year Ending June 30, 1968; Annual Report ... June 30, 1971; Annual Report ... June 30, 1973. The percentages were calculated by the MPP support research staff. The percentages may not add up to 100 percent because of rounding.

PAGE 7 - ABSOLUTE DOLLAR AND PERCENT CHANGES IN EXPENDITURES: 1967-72

These figures were calculated from the previous table. The dollar (\$) "Changes in Public School Funds Expended 1967-72" were calculated by subtracting the 1972-73 dollar amounts for "Total Public School Funds Applied", "Administration", and remaining categories from the 1967-68 dollar amounts. For example, if the "Total Public School Funds Applied" in 1972-73 were \$100,000 and the funds applied in 1967-68 were \$50,000, the absolute dollar change in expenditures would be \$50,000 $(\$100,000 - \$50,000)$. The percent changes in expenditures was calculated by dividing the difference between the 1972-73 and 1967-68 funds expended by the 1967-68 amount. For example, if the 1972-73 total funds expended were \$100,000 and the 1967-68 funds expended were \$50,000, the percent "Changes in Public School Funds Expended" would be equal to $(\$100,000 - \$50,000) / \$50,000 = \$50,000 / \$50,000 = +100\%$. If there were no funds provided during 1967-68 for any of the categories, the percent change in expenditures is mathematically undefined. This is noted by the word Undefined.

PAGE 7 - PERCENT CHANGE IN PROPORTIONAL DISTRIBUTION OF EXPENDITURES: 1967-72

These figures were calculated from the first table on page 7. The "Percent Change in Proportional Distribution of Expenditures" was derived as follows:

The percent of expenditures from "Administration", "Instruction", and remaining categories for the 1967-68 school year was subtracted from the 1972-73 school year figures. Then this difference was divided by the percent "Administration", "Instruction", and remaining categories for the 1967-68 school year.

For example, if the percent of expenditures for "Administration" in 1967-68 were 50% and the percent of expenditures for "Administration" in 1972-73 were 75%, the "Percent Change in Proportional Distribution of Expenditures: 1967-72" would equal $(75-50)/50 = 25/50 = +50\%$. If there is a percent change from 0 to any number, the "Percent Change in Proportional Distribution of Expenditures" is mathematically undefined. This is noted by the word Undefined.

PAGE 8 - 1970 CENSUS: COUNT OF PERSONS 25 YEARS OF AGE AND OVER BY RACE AND YEARS OF SCHOOL COMPLETED.

This information was obtained from the U.S. Department of Commerce, Bureau of the Census, 1970 Census of Population and Housing, Fourth Count Population Summary Tapes for Massachusetts, Table 42, "Population 25 Years Old and Over by Years of School Completed and Sex". This information was based on a 20% sample survey. The "Spanish-American" category includes people who are both "White" and "Black" according to the Census definition so that the total of the "White", "Black" and "Spanish-American" columns will never equal the "Total Population" column. The "White" and "Black" figures may not equal the "Total Population" column because they do not include people of other racial backgrounds such as Asian-American and Native-American.

PAGE 8 - MEDIAN SCHOOL YEARS COMPLETED

This information was calculated from the previous table, "1970 Census: Count of Persons 25 Years of Age and Over by Years of School Completed". This calculation was performed by the Massachusetts Institute of Technology (M.I.T.) Information Processing Center.

DEMOGRAPHIC CHARACTERISTICS

PAGE 9 - CENSUS POPULATION BY RACE AND SPANISH LANGUAGE: 1960; 1970

The information on the 1960 population was obtained from the U.S. Department of Commerce, Bureau of the Census, 1960 Census of Population, Volume I, Characteristics of the Population, Part 23, Massachusetts, Tables 21, 25. This monograph

is available at libraries and governmental agencies. The "Asian-American" category includes only Chinese, Japanese, and Filipino. The percentages may not add up to 100 percent because of rounding.

The 1970 population figures were obtained from the U.S. Department of Commerce, Bureau of the Census, 1970 Census of Population, General Social and Economic Characteristics, Massachusetts, PC (1) - C23, Tables 81, 102 and 1970 Census of Population, General Population Characteristics, Massachusetts, PC (1) - B23, Tables 23, 27, 31. The "Asian-American" category includes only Chinese, Japanese and Filipino. The "Other" category includes Hawaiians, Koreans, Aleuts, Eskimos, Malaysians, and Polynesians. The "Spanish Language" data was obtained from the 1970 U.S. Census "Persons of Spanish Language" category. Persons of "Spanish Language" were not considered a distinct racial group by the U.S. Bureau of the Census and were, therefore, not distributed in the "White" or "Non-white" categories. An N.A. indicates that this information was not available for the school district. The percentages may not add up to 100 percent because of rounding.

The "1960-1970 Increase (+) Decrease (-)" figures were calculated by the MPP support research staff from the data in the first two rows of this table. The increase or decrease in the number (#) columns were derived by subtracting the 1970 population figures from the 1960 figures.

The increase or decrease in the percent (%) column were calculated by dividing the difference between the 1970 and 1960 population figures by the 1960 figures.

The "% Change in Proportional Distribution" was calculated as follows:
The "% White", "% Non-white" and percentages for the other columns for 1970 were subtracted from the 1960 percentages. This difference was divided by the 1960 percentages and this is the figure that was recorded.

PAGE 9 - CENSUS POPULATION INCREASE OR DECREASE: 1960-1970

This information was obtained from the Massachusetts Department of Commerce and Development, Massachusetts Population 1970-1965-1960 and Population Movements in Massachusetts 1960-1970.

PAGE 9 - CENSUS: FERTILITY RATIO BY RACE

This information was obtained from the U.S. Department of Commerce, Bureau of the Census, 1970 Census of Population and Housing, Fourth Count Population Summary Tapes for Massachusetts, Table 44, "Females 15-44 Years Old by Marital Status, Number of Children and Age". This ratio tells how many children, on the average, a woman between the ages of 15 and 44 had in 1970. For example, a fertility ratio of 1.35:1 indicates that for that city or town (and for that racial grouping) the average number of children a woman between 15 and 44 would have would be 1.35. An N.A. indicates that this information was not available for the school district.

PAGE 10 - 1970 CENSUS:
Household Population by Race

The information on "Total Population" was obtained from the U.S. Department of Commerce, Bureau of the Census, 1970 Census of Population and Housing, Second Count Summary Tapes for Massachusetts, Table 1, "Race and Sex". The information on "Population in Households" was obtained from the U.S. Department of Commerce, Bureau of the Census, 1970 Census of Population and Housing, Second Count Summary Tapes for Massachusetts, Table 3, "Household Population by Age, Race and Sex". An N.A. indicates that this information was not available for the school district. The U.S. Bureau of the Census defines people who live in households as those people who occupy a group of rooms or a single room which constitutes a housing unit. All living arrangements other than households are classified as group quarters. Persons living in group quarters include, for example, those who are inmates of institutions and those living in rooming and boarding houses, communes or military barracks.

PAGE 10 - 1970 CENSUS:
Number of Families by Sex of Family Head

The information on the number of families headed by females was obtained from the U.S. Department of Commerce, Bureau of the Census, 1970 Census of Population and Housing, Fourth Count Population Summary Tapes for Massachusetts, Table 75 "Family Income". The number of families headed by males was calculated by the MPP support research staff by subtracting the number of female headed families from the total number of families. This information was based on a 20 percent sample survey. The U.S. Bureau of the Census defines a family as a household head and one or more other persons living in the same household who are related to the head by blood, marriage, or adoption. The "White" and "Black" figures may not equal the "Total Population" because they do not include people of other racial backgrounds such as Asian-American and Native-American.

PAGE 10 - 1970 CENSUS: AGE DISTRIBUTION BY RACE

This information was obtained from the U.S. Department of Commerce, Bureau of the Census, 1970 Census of Population and Housing, Second Count Summary Tapes for Massachusetts, Table 2, "Single Years of Age, Race, and Sex". The percentages were calculated by the MPP support research staff. The percentages may not add up to 100 percent because of rounding. An N.A. indicates that this information was not available for the school district.

PAGE 11 - 1970 CENSUS: NATIVITY AND PARENTAGE

This information was obtained from the U.S. Department of Commerce, Bureau of the Census, 1970 Census of Population and Housing, Fourth Count Population Summary Tapes for Massachusetts, Table 21, "Nativity and Parentage". This information was based on a 15 percent sample survey. A "Native of Native Parent"

is a person born in the United States, the Commonwealth of Puerto Rico or an outlying area of the United States whose parents were also born in the United States. "Foreign Stock" includes U.S. citizens who were foreign born as well as those people who were born in the U.S. but had one or more foreign born parents ("Foreign or Mixed Parentage"). The "Spanish-American" category includes people who are both "White" and "Black" according to the Census definition so that the total of the "White", "Black" and "Spanish-American" columns will never equal the "Total Population" column.

PAGE 11 - 1970 CENSUS: MOST FREQUENT COUNTRY
of Origin of Foreign Stock

This information was obtained from the U.S. Department of Commerce, Bureau of the Census, 1970 Census of Population and Housing, Fourth Count Population Summary Tapes for Massachusetts, Table 22, "Country of Origin and Nativity". This information was based on a 15 percent sample survey. This table indicates the country of origin of the foreign stock population (foreign born and native of foreign or mixed parentage) in a city or town, with the information presented separately for foreign born and native of mixed parentage. These figures were totalled by the MPP support research staff to arrive at the number of persons recorded for each of the countries listed in this table. The countries listed are those which have the largest number of former citizens presently U.S. citizens residing in this community. The percent foreign stock population was calculated by dividing the number of foreign stock citizens from a particular country by the total number of foreign stock residents in that city or town. The total number of foreign stock residents was obtained from the previous table, "1970 Census: Nativity and Parentage".

PAGE 11 - 1970 CENSUS: SPANISH POPULATION INDICATORS

This information was obtained from the U.S. Department of Commerce, Bureau of the Census, 1970 Census of Population and Housing, Fourth Count Population Summary Tapes for Massachusetts, Table 24, "Spanish Indicators". The information on persons of "Spanish Origin or Descent" was derived from the question of whether a person's origin or descent was Mexican, Puerto Rican, Cuban, Central or South American, or other Spanish. The information on persons of "Puerto Rican Birth or Parentage" includes persons born in Puerto Rico and persons born in the United States or an outlying area with one or more parents born in Puerto Rico. Persons of "Spanish Language" comprise persons of Spanish mother tongue and all other persons in families in which the head or wife reported Spanish as his or her mother tongue. Since a person of "Spanish Origin or Descent" may appear in two or more of these Spanish population indicators, these figures were not totalled to arrive at a total number of Spanish population residents in a city or town.

PAGE 11 - 1970 CENSUS: MOST FREQUENT MOTHER TONGUES
Other Than English

This information was obtained from the U.S. Department of Commerce, Bureau of the Census, 1970 Census of Population and Housing, Fourth Count Population Summary Tapes for Massachusetts, Table 23, "Mother Tongue and Nativity". This information was based on a 15 percent sample survey of which language was spoken in a person's home when he or she was a child. Since English is the most frequent mother tongue, information is only displayed for mother tongues other than English. This information is presented separately for foreign born and natives and these figures were totalled by the MPP support research staff to arrive at the figures presented in this table.

ECONOMIC CHARACTERISTICS

PAGE 12 - 1970 CENSUS: NUMBER OF EMPLOYED PERSONS 16 YEARS OLD AND OVER
BY OCCUPATION

This information was obtained from the U.S. Department of Commerce, Bureau of the Census, 1970 Census of Population and Housing, Fourth Count Population Summary Tapes for Massachusetts, Table 58, "Employed Population 16 Years Old and Over by Occupation". This information was based on a 20 percent sample survey. Each of the occupation categories shown on this table such as "Professional, Technical, and Kindred Workers" have been broken down into subcategories and the same information in this table is available for each of these subcategories. An N.A. indicates that this information was not available for the school district. The percentages may not add up to 100 percent because of rounding. The "White" and "Black" figures may not equal the "Total Persons Employed" because they do not include people of other racial backgrounds such as Asian-American and Native-American. The "Spanish-American" category includes people who are both "White" and "Black" according to the Census definition so that the total of the "White", "Black" and "Spanish-American" columns will never equal the "Total Persons Employed" column.

PAGE 13 - MEDIAN INCOME: 1960 CENSUS; 1970 CENSUS

The information on 1960 Median Income was obtained from the U.S. Department of Commerce, Bureau of the Census, 1960 Census of Population, Volume I, Characteristics of the Population, Part 23 Massachusetts, Tables 33, 34, 76.

The information on the 1970 Median Income was obtained from the U.S. Department of Commerce, Bureau of the Census, 1970 Census of Population and Housing, Fourth Count Population Summary Tapes for Massachusetts, Table 75, "Family Income", and Table 76, "Income of Unrelated Individuals". This information was based on a 20 percent sample survey.

Information on families includes all those people living in the same household who are related to the head by blood, marriage, or adoption. Information on unrelated individuals includes all members of a household who are not related to anyone else in the household or a person living in group quarters who is not an inmate of an institution. An N.A. indicates that this information was not available for the school district.

PAGE 13 -- 1970 CENSUS: EMPLOYMENT STATUS BY RACE
 of Persons 16 Years of Age and Over in Labor Force

This information was obtained from the U.S. Department of Commerce, Bureau of the Census, 1970 Census of Population and Housing, Fourth Count Population Summary Tapes for Massachusetts, Table 54, "Population 16 Years Old and Over by Labor Force Status, Selected Characteristics, and Sex". This information was based on a 20 percent sample survey. The employment or labor force status of persons over 16 is recorded by the U.S. Bureau of the Census in three categories: "In Labor Force", "In Armed Forces", and "Not in Labor Force". The information in this table covers only those people in the labor force, and this category is broken down into those who are "Employed" and those who are "Unemployed". Since the number and percent "Unemployed" is only based on those people in the labor force, it is an undercount of actual unemployment in a community. The "Total" is of those people 16 years and over in the labor force. An N.A. indicates that this information was not available for the school district. The "Spanish-American" category includes people who are both "White" and "Black" according to the Census definition so that the total of the "White", "Black", and "Spanish-American" columns will never equal the "Total" column. The percentages may not add up to 100 percent because of rounding. The "White" and "Black" figures may not equal the "Total" column because they do not include people of other racial backgrounds such as Asian-American and Native-American.

PAGE 14 - 1970 CENSUS:
 Number of Persons in Families and
 Number of Unrelated Individuals with Income Less Than Poverty Level

The information on the number of "Persons in Families" below poverty level was obtained from the U.S. Department of Commerce, Bureau of the Census, 1970 Census of Population and Housing, Fourth Count Population Summary Tapes for Massachusetts, Table 83, "Aggregate Number of Persons in Families below Poverty Level".

The information on the "Number of Unrelated Individuals with Income Less Than Poverty Level" was obtained from the U.S. Department of Commerce, Bureau of the Census 1970 Census of Population and Housing, Fourth Count Population Summary Tapes for Massachusetts, Table 89, "Unrelated Individuals by Age and Poverty Status". This information was based on a 20 percent sample survey. The number of persons in families and the number of unrelated individuals were tallied by the MPP support research staff to arrive at the total in this table.

The definition of poverty level income originated with the U.S. Social Security Administration in 1964 and was subsequently modified by a Federal Interagency Committee. This index provides a range of poverty income cutoffs adjusted by such factors as family size, family head, number of children under 18 years old, and farm and nonfarm residence, needed in order to maintain a nutritionally adequate food plan designed by the Department of Agriculture. In 1969, the poverty thresholds ranged from \$1,847 for a female unrelated individual 65 years old and over living on a farm to \$6,116 for a nonfarm family with a male head and with seven or more persons. The average poverty threshold for a nonfarm family of four headed by a male was \$3,745. An N.A. indicates that this information was not available for the school district. The percentages may not add up to 100 percent because of rounding. The "White" and "Black" figures may not equal the "Total Population" because they do not include people of other racial backgrounds such as Asian-American and Native-American. The "Spanish-American" category includes people who are both "White" and "Black" according to the Census definition so that the total of the "White", "Black", and "Spanish-American" columns will never equal the "Total Population" column.

PAGE 14 - 1970 CENSUS:
Number of Related Children Under 18 in Families
Below Poverty Level by Presence of Parents

This information was obtained from the 1970 U.S. Department of Commerce, Bureau of the Census, 1970 Census of Population and Housing, Fourth Count Population Summary Tapes for Massachusetts, Table 92, "Related Children Under 18 Years Old in Families Below Poverty Level by Presence of Parents". This information was based on a 20 percent sample survey. The percentages were calculated by the MPP support research staff by dividing the number of children under 18 living in families below poverty level by the total number of children under 18 in that city or town. An N.A. indicates that this information was not available for the school district. The "White" and "Black" figures may not equal the "Total Population" because they do not include people of other racial backgrounds such as Asian-American and Native-American. The "Spanish-American" category includes people who are both "White" and "Black" according to the Census definition so that the total of the "White", "Black" and "Spanish-American" columns will never equal the "Total Population" column.

PAGE 15 - CHARACTERISTICS OF INDUSTRIAL FIRMS: 1967

This information was obtained from the Commonwealth of Massachusetts, Division of Employment Security, "Massachusetts Employment and Wages 1967 by Area (City and Town) by Industry, 3 digit," unpublished computer printouts. This information is on industrial establishments subject to the Massachusetts Employment Security Law, Chapter 151A of the General Laws, and generally excludes employment in nonprofit institutions organized for religious, charitable, educational,

or scientific purposes; in domestic service; self employment and unpaid family service; and in governments. A definition of each major industry, such as "Agriculture and Mining", presented in this table, can be found in the following publication: The Commonwealth of Massachusetts, Division of Employment Security, Massachusetts Cities and Towns, Employment and Wages in Establishments Subject to the Massachusetts Employment Security Law by Major Industry Divisions 1967-1971, March, 1973.

PAGE 16 - CHARACTERISTICS OF INDUSTRIAL FIRMS: 1972

This information was obtained from the Commonwealth of Massachusetts, Division of Employment Security, "Massachusetts Employment and Wages 1972 by Area (City and Town) by Industry, 3 digit", unpublished computer printouts. This information is on industrial establishments subject to the Massachusetts Employment Security Law, Chapter 151A of the General Laws, and generally excludes employment in nonprofit institutions organized for religious, charitable, educational, or scientific purposes; in domestic service; self employment and unpaid family service; and in governments. A definition of each major industry, such as "Agriculture and Mining", presented in this table, can be found in the following publication: The Commonwealth of Massachusetts, Division of Employment Security, Massachusetts Cities and Towns, Employment and Wages in Establishments Subject to the Massachusetts Employment Security Law by Major Industry Divisions 1967-1971, March, 1973.

LAND USE CHARACTERISTICS

PAGE 17 - LAND USE PATTERNS IN (CITY OR TOWN NAME)

The percentages measured on this pie chart were calculated from land use pattern information obtained from the Metropolitan Area Planning Council, Preliminary Single Purpose Plan Report, Land Use Numbers, Study Element Number 3.05 of the Southeastern New England Study, October 1973 (compiled for the New England River Basin Study). This report contained information on the number of acres in a city or town utilized for "Residential", "Commercial" and the other remaining categories. The MPP support research staff calculated the percentages that were used to develop the pie chart displayed in this table.

HOUSING CHARACTERISTICS

PAGE 18 - 1970 CENSUS: SELECTED HOUSING CHARACTERISTICS

This information was obtained from the U.S. Department of Commerce, Bureau of the

Census, 1970 Census of Population and Housing, 1970 Census of Housing, General Housing Characteristics, Massachusetts HC (1)-A23, Tables 1, 8, 18, 23, 24.

The median value of owner occupied units does not include those that are in multi-unit structures, trailers, rural units on farms or places of ten or more acres, or on properties any part of which is used as a business.

The U.S. Bureau of the Census defines a housing unit as a house, an apartment, a group of rooms, or a single room occupied or intended for occupancy as separate living quarters. A housing unit was considered vacant if no one was living in it at the time the Census was taken unless its occupants were only temporarily absent. Median value was the owner's estimate of how much the property (house and lot) would sell for, if it were for sale. Median contract rent is the monthly rent agreed to, or contracted for, regardless of any furnishings, utilities, or services that may be included.

PAGE 18 - 1970 CENSUS: NUMBER OF HOUSING UNITS
by Occupancy Status and Race of Head of Household

This information was obtained from the U.S. Department of Commerce, Bureau of the Census, 1970 Census of Population and Housing, Fourth Count Housing Summary Tapes for Massachusetts, Table 26, "Occupancy/Vacancy Status". The total number of housing units in this table may be slightly lower than the total in the previous table because it does not include vacant migratory and seasonal units. The percentages may not add up to 100 percent because of rounding. An N.A. indicates that this information was not available for the school district. The "White" and "Black" figures may not equal the "Total" column because they do not include people of other racial backgrounds such as Asian-American and Native-American. This information was based on a 20% sample survey.

PAGE 18 - BUILDING PERMITS ISSUED FOR NEW
Dwelling Units: 1960-71

This information was obtained from the Massachusetts Department of Commerce and Development, City and Town Monograph. This is a separate monograph for each city and town in the Commonwealth of Massachusetts. These monographs, which contain other information on a city or town, are free to the public upon request.

PAGE 19 - NUMBER OF SUBSIDIZED HOUSING UNITS BY TYPE OF CONSTRUCTION
STATUS: 1973

This information was obtained from the Metropolitan Area Planning Council, (MAPC) Subsidized Housing in the Boston Region as of December 31, 1973, and is available to the public upon request. The MAPC is the regional planning agency for the Boston metropolitan area; it studies the demographic, socio-economic, land use, and housing characteristics of the cities and towns in the Boston metropolitan area. MHFA refers to the Massachusetts Housing Finance Agency.

PAGE 19 - 1970 CENSUS: AGE OF HOUSING UNITS

This information was obtained from the U.S. Department of Commerce, Bureau of the Census, 1970 Census of Population and Housing, Fourth Count Housing Summary Tapes for Massachusetts, Table 8, "Year Structure Built, Tenure, and Race of Head". This information was based on a 20 percent sample survey. Since this information is based on a sample survey, the total number of housing units may not equal the total number of units recorded on other "Housing Characteristic" tables. The number of "Other Occupied Housing Units" was calculated by the MPP support research staff by subtracting the "Black Occupied Housing Units" column from the "Total Housing Units" column. The "Other Occupied Housing Units" are occupied primarily by whites but may also be occupied by Asian-American, Native-American and other racial and ethnic group members. The percentages may not add up to 100 percent because of rounding. An N.A. indicates that this information was not available for the school district. The "Spanish-American" category includes people who are both "White", and "Black" according to the Census definition so that the total of the "White" "Black" and "Spanish-American" columns will never equal the "Total Housing Units" column. .

PAGE 20 - 1970 CENSUS: NUMBER OF PERSONS PER ROOM IN OCCUPIED HOUSING UNITS
By Race of Head of Household

This information was obtained from the U.S. Department of Commerce, Bureau of the Census, 1970 Census of Population and Housing, First Count Summary Tapes for Massachusetts, Table 30, "Persons per Room, Tenure and Race of Head". The number of "Other Occupied Housing Units" was calculated by the MPP support research staff by subtracting the "Black Occupied Housing Units" column from the "Total Occupied Units" column. An N.A. indicates that this information was not available for the school district. The percentages may not add up to 100 percent because of rounding.

PAGE 20 - 1970 CENSUS: TYPE OF HOUSING STRUCTURE

This information was obtained from the U.S. Department of Commerce, Bureau of the Census, 1970 Census of Population and Housing, Fourth Count Housing Summary Tapes for Massachusetts, Table 9, "Units in Structure, Tenure, and Race, of Head". This information was based on a 20 percent sample survey. Since this information is based on a sample survey, the total number of housing units may not equal the total number of units recorded on other "Housing Characteristic" tables. This information is also available for Black and Spanish-American occupied units, both owner occupied and renter occupied. An N.A. indicates that this information was not available for the school district. The percentages may not add up to 100 percent because of rounding.

PAGE 20 - 1970 CENSUS:
Average Number of
Persons per Housing Unit

This information was obtained from the U.S. Department of Commerce, Bureau of the Census, 1970 Census of Population and Housing, Fourth Count Housing Summary Tapes for Massachusetts, Table 37, "Number of Persons in Unit, Tenure, and Race of Head". This information was based on a 20 percent sample survey. This information was calculated by the MPP support research staff by dividing the number of persons in housing units by the total number of housing units. The number of "Other Occupied Housing Units" was calculated by the MPP support research staff by subtracting the "Black Occupied Housing Units" column from the "Total Occupied Housing Units" column.

PAGE 21 - 1970 CENSUS: VALUE OF OWNER OCCUPIED HOUSING UNITS BY RACE OF
HEAD OF HOUSEHOLD

This information was obtained from the U.S. Department of Commerce, Bureau of the Census, 1970 Census of Population and Housing, Fourth Count Housing Summary Tapes for Massachusetts, Table 52, "Value, Occupancy Status, and Race of Head". This information was based on a 20 percent sample survey. The value of an owner occupied unit was the owner's estimate of how much the property (house and lot) would sell for, if it were for sale. The number of "Other Owner Occupied Units" was calculated by the MPP support research staff by subtracting the "Black Owner Occupied Units" column from the "Total Owner Occupied Units" column. The percentages may not add up to 100 percent because of rounding. An N.A. indicates that this information was not available for the school district. The "Spanish-American" category includes people who are both "White" and "Black" according to the Census definition so that the total of the "White", "Black" and "Spanish-American" column will never equal the "Total Owner Occupied Units" column.

PAGE 22 - 1970 CENSUS: MONTHLY GROSS RENT BY RACE OF HEAD OF HOUSEHOLD

This information was obtained from the U.S. Department of Commerce, Bureau of the Census, 1970 Census of Population and Housing, Fourth Count Housing Summary Tapes for Massachusetts, Table 19, "Gross Rent and Race of Head". This information was based on a 20 percent sample survey. "Monthly Gross Rent" is the monthly rent agreed to, or contracted for, regardless of any furnishings, utilities, or services that may be included plus the estimated average monthly cost of utilities and fuels, if these items are paid for by the renter in addition to rent. The number of "Other Renter Occupied Units" was calculated by the MPP support research staff by subtracting the "Black Renter Occupied Units" column from the "Total Renter Occupied Units" column. An N.A. indicates that this information was not available for the school district. The percentages may not add up to 100 percent because of rounding. The "Spanish-American" category includes people who are both "White" and "Black" according to the Census definition so that the total of the "White", "Black" and "Spanish-American" columns will never equal the "Total Renter Occupied Units" column.

NOTES AND SOURCES FOR THE INDIVIDUAL SCHOOL PROFILES

PAGE 1 - SCHOOL DISTRICT #, SCHOOL

The school district and school number (#) which appear on the upper right hand box are code numbers which are used by the Massachusetts State Department of Education. These code numbers were obtained from the Massachusetts State Department of Education, Bureau of Educational Information Services, Massachusetts School Directory 1973-74.

PAGE 1 - 1973-74 SCHOOL DISTRICT; SCHOOL NAME; NO. & STREET; City, State, Zip; Grade Organization

This information was obtained from the Massachusetts State Department of Education, Bureau of Educational Information Services, Massachusetts School Directory 1973-74.

PAGE 1 - FACILITIES

The information on a school's date of initial construction, date(s) of additions or changes, number of rooms for instructional use, and total number of rooms were obtained from the Massachusetts State Department of Education, Division of Research, Planning, and Evaluation, School Building Inventory, Fall, 1973. There were fifty-eight types of school rooms listed on this form. Forty-two of these rooms were placed by the MPP support research staff in the "Instructional Use" category. These rooms are:

1. Art (General)
2. Arts and Crafts
3. Auditorium
4. Automotive
5. Bandroom
6. Biology Laboratory
7. Bookkeeping
8. Chemistry Laboratory
9. Child Care Center
10. Chorus Room
11. Classroom Regular, (Regular, Interchangeable)
12. Classroom (Seminar Room)
13. Corrective Room (Athletics)
14. Earth Science Laboratory
15. Field House
16. General Science Laboratory
17. Graphic Arts
18. Gymnasium
19. Home Economics (Food)

20. Home Economics (General)
21. Home Economics (Multi-purpose Living Center)
22. Ice Skating Rink
23. Instructional Media Center
24. Language Arts Laboratory
25. Library
26. Mathematics Laboratory
27. Mechanical Drawing
28. Metal Shop
29. Music Room (General)
30. Office Machines
31. Office Practice
32. Physics Laboratory
33. Power Mechanics Shop
34. Sewing Room
35. Shop (General)
36. Social Studies Laboratory
37. Special Education Remedial Rooms
38. Stenography Room
39. Swimming Pool
40. Television Room
41. Typing Room
42. Wood Shop

The remaining sixteen were placed in the "Other Uses" category.

They are:

1. Administrative Office
2. Audio-Visual Workroom
3. Cafeteria
4. Data Processing
5. Guidance Office
6. Health Suite
7. Kitchen
8. Lavatories (Boys')
9. Lavatories (Girls')
10. Shower and Locker Rooms
11. Storage (Books)
12. Storage (Custodial Supplies)
13. Storage (General Instructional Supplies)
14. Student Activity Room
15. Teachers' Lounge
16. Teachers' Workroom

An N.A. indicates that this information was not available for the school.

PAGE 1 - 1973-74 FEDERAL PROGRAMS

The information on "Title I" programs in a school ("Type of Program", "# of Students") was obtained from the Massachusetts State Department of Education, Division of Curriculum and Instruction, Bureau of Curriculum Services, Title I ESEA, "Unpublished Title I Program Documents, 1973-74." The "% School Enrollment" was calculated by the MPP support research staff by dividing the number of students in Title I programs by the total number of students in the school during the 1973-74 school year. The total number of students was obtained from the Massachusetts State Department of Education, Division of Research, Planning, and Evaluation, Enrollment by Classification, Exhibit II, 1973-74. This is the same total that appears in the "Student Ethnic Census: 1973-74" table on page 2. The Title I program is funded by the U.S. Office of Education and was legislated by the U.S. Congress as part of the 1965 Elementary and Secondary Education Act (ESEA). The Title I program provides assistance for "educationally deprived and neglected and delinquent children".

The information on students in the "Lunch Program" ("# Students, Free"; "# Students, Reduced Price") was obtained from the Massachusetts State Department of Education, Bureau of Nutrition Education and School Food Services Education, "Average Number of Lunches Served to Needy". The figures in this table were calculated by taking the number of needy students served lunches in a school during the month of January, 1974 and dividing this number by the number of days schools were opened that month. The "% School Enrollment" was calculated by the MPP support research staff, 1973-74, by dividing the number of "Lunch Program" students by the 1973-74 school enrollment obtained from the Massachusetts State Department of Education, Division of Research, Planning and Evaluation, Enrollment by Classification, Exhibit II, 1973-74.

The information on students eligible for the "Bilingual Program" was obtained from the Massachusetts State Department of Education, Bureau of Transitional Bilingual Education, Census of Children of Limited English Speaking Ability on October 1, 1973, under Chapter 71A, Act of 1971. This Census of all public school students is conducted each year in order to determine how many students are of limited English speaking ability as defined in Chapter 71A and, thus, eligible for transitional bilingual classes. The "% School Enrollment" was calculated by the MPP support research staff by dividing the number of eligible bilingual students by the 1973-74 school enrollment obtained from the Massachusetts State Department of Education, Division of Research, Planning, and Evaluation, Enrollment by Classification, Exhibit II, 1973-74.

The information on the number of METCO (Metropolitan Council for Educational Opportunities, Inc.) students was obtained from the METCO files, "Unpublished Student Enrollment Records", August, 1974. METCO is a state funded interdistrict transfer program which transports children from Boston to suburban school districts. The "% School Enrollment" was calculated by the MPP support research staff by dividing the number of METCO students by the 1973-74 school enrollment obtained from the Massachusetts State Department of Education, Division of Research, Planning, and Evaluation, Enrollment by Classification, Exhibit II, 1973-74.

This information was obtained from the Massachusetts State Department of Education, Division of Research, Planning, and Evaluation, 1973-74 Professional Staff Survey. The figures in this table are not always an accurate total of the number of professional staff employed in a school because some staff members may not have filled in a survey. In addition, some staff members may have completed one section of the survey but not another section. As a result, the totals under the "Age", "Years in Present System", and "Position" columns may not be the same. The total number (#) of professional staff recorded in the "Census" column is the largest number of staff found in either the "Age", "Years in Present System", or "Position" categories. The "Total" number of professional staff members may be greater than the total number of "White", "Black", "Spanish Surname", "Asian-American", "Native-American", and "Other" professional staff members because some people who answered this survey did not indicate their racial or ethnic background. An N.A. indicates that this information was not available for the school.

The survey form had 24 different position codes. These positions were reclassified, by the MPP support research staff, under one of these four headings: "Administrators", "Teachers", "Teacher Aides", and "Other Professionals".

"Administrators" include the following positions:

1. Administrative Assistant
2. Assistant Director or Manager
3. Assistant or Vice-Principal
4. Assistant Superintendent
5. Assistant Supervisor
6. Director or Manager (Pupils or Programs)
7. Principal
8. Research
9. Superintendent

"Teachers" include:

1. Itinerant Teacher
2. Special Class Teacher (Handicapped)
3. Specialist (Reading, Speech, etc.)
4. Teacher

"Teacher Aides" include:

1. Teacher Aide

"Other Professionals" include:

1. Attendance Supervisor
2. Chairman or Department Head
3. Counselor
4. Librarian
5. Nurse
6. Other Professional or Technical Personnel
7. Psychologist
8. Psychometrist
9. Social Worker (Adjustment Counselor)
10. Supervisor or Consultant (Staff Improvement)

PAGE 2 - STUDENT ETHNIC CENSUS: 1973-74

This information was obtained from the Massachusetts State Department of Education, Division of Research, Planning, and Evaluation, Enrollment by Classification, Exhibit II, 1973-74. The figures in the "White " column include "White " students and students of racial backgrounds other than "Black", "Native-American", "Asian-American", and "Spanish Surname". "Spanish Surname" students were placed in the "Non-white" category.

PAGE 2 - RACIAL CENSUS: 1967-68; 1970-71; 1972-73

The information on the "Total", "White", and "Non-white" enrollments for these three school years were obtained from the Massachusetts State Department of Education, Division of Research, Planning, and Evaluation, Racial Census, October, 1967; Racial Census, October, 1970; and Racial Census, October, 1972. The Racial Census does not indicate which students were considered "White" and which were considered "Non-white".

PAGE 2 - RACIAL CENSUS: ENROLLMENT CHANGE 1967-1972

These figures were calculated from the previous table by the MPP support research staff. The figures under the number sign (#) column were calculated by subtracting from the "Total", "White" or "Non-white" enrollment for the 1972-73 school year, the "Total", "White" or "Non-white" enrollment for the 1967-68 school year. For example, if the 1972-73 total enrollment was 100 students and the 1967-68 enrollment was 50 students, the enrollment change would be +50(100-50) and this figure would appear in the appropriate box. The figures under the percent(%) column were derived by dividing the difference between the 1972-73 and 1967-68 enrollment by the 1967-68 enrollment. If the difference, for example, between the 1972-73 and 1967-68 enrollments were +50 and the 1967-68 enrollment were 50, the percent change would be +100(50/50). The figures under the "% Change in Proportional Distribution" column were calculated as follows:

The "% White" (or "% Non-white") for 1972-73 was subtracted from the "% White" (or "% Non-white") for 1967-68.

This difference was divided by the "% White" (or "% Non-white") for 1967-68 and this is the figure that was recorded. For example, if the "% White" in 1967-68 was 75% and the "% White" in 1972-73 was 50%, the "% Change in Proportional Distribution" would be calculated as follows:
$$(50-75)/75 = (-25)/75 = -0.33.$$

Since the percent "Total Enrollment" is always 100%, no "% Change in Proportional Distribution" was calculated or recorded for "Total Enrollment". If there is a percent change from 0 to any number, the "% Change in Proportional Distribution" is mathematically undefined. This is noted by the word "Undefined".

PAGE 2 - FOLLOW-UP OF HIGH SCHOOL GRADUATES: 1968-1972

The information on the post high school placement of 1968 graduates was obtained from the Massachusetts State Department of Education, Division of Research, Planning, and Evaluation, Distribution of Graduating Class, 1969. The number of students in each of the various placement categories may not equal the total number of high school graduates because information on all placements was not available. If there was no information available on high school graduates in a particular school, this is noted by an N.A. in the first column (under the # sign). The information on the 1972 graduates was obtained from the Massachusetts State Department of Education, Division of Research, Planning, and Evaluation, Distribution of High School Graduates, Class of 1972, Fall 1973. The percentages in the 1972 column may not add up to 100% because of rounding. This table is only displayed for high schools; the profiles for elementary and junior high schools do not have this table.

PAGE 2 - ELIGIBLE TRANSITIONAL BILINGUAL STUDENTS: 1973-74

The number of students eligible for a transitional bilingual program was obtained from the Massachusetts State Department of Education, Bureau of Transitional Bilingual Education, Census of Children of Limited English Speaking Ability on October 1, 1973, under Chapter 71A, Act of 1971. This Census of all public school students is conducted each year in order to determine how many students are of limited English speaking ability as defined in Chapter 71A and, thus, eligible for transitional bilingual classes. The "Percent of Bilingual Enrollment" was calculated by the MPP support research staff by dividing the number of students in each language category, such as "Chinese" or "French" by the "Total" number of eligible bilingual students.

Leslie Steven May

METROPOLITAN PLANNING PROJECT/COMMUNITY PROFILE # 198 NATICK

EDUCATIONAL CHARACTERISTICS

NUMBER OF SCHOOLS AND ENROLLMENT By Type of School: 1973-74				
Type of School	Number of Schools	Enrollment		
		Total	White	Non-white
Elementary	13	4,123	4,046	77
Junior High	3	2,071	2,013	58
High School	1	1,948	1,909	39
Special & Ungraded	0			
Regional	0			
Vocational	0			
Total	17	8,142	7,968	174

SCHOOL ATTENDING CHILDREN IN PUBLIC and Non-public Schools				
Year	Total	Public		Non-public
		#	%	# %
1967-68	9,105	8,362	91.8	743 8.2
1970-71	9,149	8,671	94.8	478 5.2
1972-73	8,683	8,339	96.0	344 0.4

EDUCATIONAL COLLABORATIVE PARTICIPATION 1973-74	
Massachusetts Association of School Business Officials (MASBO); Metropolitan Planning District-Approving District;	Metropolitan Council for Educational Opportunity, Inc. (METCO); Community Language Program-Title III

1970 CENSUS: SCHOOL ENROLLMENT FOR Level and Type of School by Race (Population 3 - 34 years)									
Level and Type of School	Total		White		Black		Spanish-American		
	#	%	#	%	#	%	#	%	
Nursery School	38	0.4	38	2.4	0	0	0	0	
Public	0		0		0		0		
Parochial	258	2.5	240	2.3	8	7.6	0		
Private	648	6.3	638	6.2	10	9.5	13	22.8	
Kindergarten	0		0		0		0		
Public	4		4	0.0	0		0		
Parochial									
Private									
Elementary (1-8)	5,335	51.6	5,285	51.7	50	47.6	13	22.8	
Public	232	2.2	219	2.1	13	12.4	0		
Parochial	48	0.5	48	0.5	0		0		
Private									
High School (1-4)									
Public	2,468	23.9	2,460	24.1	8	7.6	16	28.1	
Parochial	88	0.9	88	0.9	0		0		
Private	76	0.7	70	0.1	6	5.7	0		
College	365	3.5	361	3.5	4	3.8	0		
Public	770	7.5	764	7.5	6	5.7	15	26.3	
Private									

FEDERALLY-FUNDED PROGRAMS: 1973-74			
Program	# of Students	% Total Enrollment	
Title I	154	1.9	
Title III	2	0.0	

METROPOLITAN PLANNING PROJECT/COMMUNITY PROFILE # 198 NATICK

EDUCATIONAL CHARACTERISTICS

RACIAL CENSUS:1967-68; 1970-71; 1972-73					
Years	Total En- rollment	White		Non-white	
		#	%	#	%
1967- 1968	8, 349	8, 237	98.7	112	1.3
1970- 1971	8, 659	1, 496	98.1	163	1.9
1972- 1973	8, 372	8, 204	98.0	168	2.0

RACIAL CENSUS: ENROLLMENT CHANGE 1967-1972			
	#	%	% Change in Proportional Distribution
TOTAL	+23	+0.3	
White	-33	-0.4	-0.7
Non-white	+56	+50.0	+53.8

STUDENT ETHNIC CENSUS: 1973-74					
	Black	Native-American	Non-white		Spanish Surname
			Asian-American		
Number	130	4	18	22	
Percent	1.6	0.0	0.2	0.3	

FOLLOW UP OF HIGH SCHOOL GRADUATES: 1968; 1972					
Post High School Placement	Class of				
	1968		1972		
	#	%	#	%	
4-yr. State College	26	5.7	72	13.2	
4-yr. Other College	140	30.7	122	22.3	
2-yr. State College	26	5.7	45	8.2	
2-yr. Other College	18	3.9	20	3.7	
Nurses Training	2	0.4	12	2.2	
Other Post Secondary	95	20.8	58	10.6	
Military	22	4.8	17	3.1	
Work	104	22.8	191	34.9	
Other	23	5.0	10	1.8	
TOTAL	456	100.0	547	100.0	

ELIGIBLE TRANSITIONAL BILINGUAL STUDENTS: 1973-74		
Language	Number of Students	Percent of Bilingual Enrollment
TOTAL	0	
Chinese		
French		
Greek		
Italian		
Portuguese		
Spanish		
Other		

METROPOLITAN PLANNING PROJECT/COMMUNITY PROFILE # 198 NATICK

EDUCATIONAL CHARACTERISTICS

PUBLIC SCHOOL STUDENT ENROLLMENTS: 1964 - 1982					
Past Enrollments: 1964 - 1972					
Projected Enrollments: 1973 - 1982					
School Year Beginning in Fall of	Total K-12 (R ² = .774)	Total K-6 (R ² = .685)	Total 7-12 (R ² = .950)	White K-12 (R ² = .678)	Non-white K-12 (R ² = .984)
1964	8051.00	4786.49	3267.51	3093.00	48.0000
1965	8179.00	4861.47	3317.52	3099.00	80.0000
1966	8210.00	4863.36	3346.64	8112.00	98.0000
1967	8345.00	4819.36	3524.63	8237.00	112.000
1968	8495.00	4679.61	3815.39	8349.00	146.000
1969	8616.00	4781.88	3834.11	8470.00	146.000
1970	8635.00	4792.00	3933.00	8472.00	165.000
1971	8531.00	4531.00	4000.00	8370.00	161.000
1972	8272.00	4337.00	4035.00	8204.00	168.000
1973	8552.55	4444.44	4153.66	8384.01	168.981
1974	8557.95	4391.94	4221.32	8387.49	170.028
1975	8561.57	4339.45	4282.32	8389.79	170.630
1976	8564.00	4286.96	4337.12	8391.29	170.974
1977	8565.64	4234.46	4385.21	8382.28	171.171
1978	8566.72	4181.97	4430.05	8392.94	171.283
1979	8567.48	4129.43	4469.12	8393.36	171.347
1980	8567.97	4076.99	4500.95	8393.64	171.383
1981	8568.30	4024.50	4534.67	8393.82	171.404
1982	8568.53	3972.00	4561.96	8393.95	171.415

METROPOLITAN PLANNING PROJECT/COMMUNITY PROFILE # 198 NATICK

EDUCATIONAL CHARACTERISTICS

NUMBER OF TEACHERS BY RACE: 1972-73												
Total	White		Non-White		Non-white							
					Black		Asian-American		Native-American		Spanish Surname	
	#	%	#	%	#	%	#	%	#	%	#	%
400	398	99.5	2	0.5	1	0.3	1	0.3	0		0	

NUMBER OF TEACHERS, TEACHER AIDES AND OTHER PROFESSIONAL STAFF: 1973-74													
Staff Status	Total	White		Non-White		Black		Asian-American		Native-American		Spanish Surname	
		#	%	#	%	#	%	#	%	#	%	#	%
Teachers	346	344	99.4	2	0.6	1	0.3	0		0		1	0.3
Teacher Aides	1	1	100.0	0									
Other Professional Staff	83	81	97.6	2	2.4	1	1.2	1	1.2	0		0	
Total	430	426	99.1	4	0.9	2	0.5	1	0.2	0		1	0.2

METROPOLITAN PLANNING PROJECT/COMMUNITY PROFILE # 198 NATICK

EDUCATIONAL CHARACTERISTICS

SELECTED FINANCIAL CHARACTERISTICS								
Year	% Municipal Tax Spent on Education	Comprehensive Per Pupil Expenditure (in \$)				Public School Attending Children Transported at Public Expense		Computative Equalized Property Valuation per School Attending Child (in \$)
		Total	Elementary School	Junior High School	High School	#	%	
1967-68	52.2	629	493	754	888	2,614	31.3	22,735
1970-71	51.5	875	729	971	1,138	3,200	36.9	26,779
1972-73	57.5	951	832	1,005	1,158	3,325	39.9	31,326

1973 TAX RATE	
Official	Equalized
73.00	50.37

1973 SCHOOL TAX RATE	
Official	Equalized
42.32	29.20

1973 MOODY'S ECND RATING
A

PUBLIC SCHOOL STUDENTS		
Receiving Subsidized Lunches: 1973-74		
	# of Lunch Program Students	% of Total Enrollment
TOTAL	731	9.0
Free	731	9.0
Reduced Price	0	

STUDENTS ENROLLED IN METCO		
Year	# METCO Students	% of Total Enrollment
1967-68	0	
1970-71	40	0.5
1972-73	41	0.5
1973-74	42	0.5

EDUCATIONAL CHARACTERISTICS

PERCENT DISTRIBUTION OF SCHOOL REVENUES: 1967-68; 1970-71; 1972-73									
Year	Total Public School Funds Provided *	Local Sources		Commonwealth Sources		Federal Sources		Other School Districts	
		\$	%	\$	%	\$	%	\$	%
1967-68	6,449,442	5,108,706	79.2	1,105,725	17.1	187,112	2.9	0	
1970-71	8,759,993	6,992,105	79.8	1,638,754	18.7	158,964	1.8	0	
1972-73	8,979,099	6,738,050	75.0	2,063,092	23.0	215,252	2.4	22,743	0.3

Notes: *The amount of Total Public School Funds Provided is not necessarily equal to the total of the Local, Commonwealth, Federal, and Other School District revenues because the total incorporates an adjustment figure reported in the annual budget for the beginning and ending balance.

ABSOLUTE DOLLAR AND PERCENT CHANGES IN REVENUES: 1967-72										
Changes in Public School Funds Provided 1967-72	Total		Local Sources		Commonwealth Sources		Federal Sources		Other School Districts	
	\$	%	\$	%	\$	%	\$	%	\$	%
	2,529,657	39.2	1,629,344	31.9	957,367	86.6	28,140	15.0	22,743	Undefined

PERCENT CHANGE IN PROPORTIONAL DISTRIBUTION OF REVENUES: 1967-72				
% Change in Proportional Distribution of Revenue 1967-72	Local Sources		Commonwealth Sources	
	- 5.3		34.5	- 17.2
				Undefined

METROPOLITAN PLANNING PROJECT/COMMUNITY PROFILE # 198 NATICK

EDUCATIONAL CHARACTERISTICS

Year	PERCENT DISTRIBUTION OF SCHOOL EXPENDITURES: 1967-68; 1970-71; 1972-73													
	Total Public School Funds Applied	Expenditures by School Committee						Expenditures for Services provided by Other Municipal Agencies		Expenditures for Regional School Assessments		Expenditures of Federal Funds		Expenditures of Revolving Funds
		Administration		Instruction		Other*	\$	%	\$	%	\$	%		
		\$	%	\$	%									
1967-68	6,449,442	132,419	2.1	4,077,206	63.2	949,996	14.7	930,092	14.4	0	0.8	306,363	4.8	
1970-71	8,759,993	218,930	2.5	5,783,737	66.1	1,403,933	16.1	974,316	11.1	0	0.4	342,017	3.9	
1972-73	8,979,099	255,922	2.8	5,922,120	66.8	1,275,451	14.2	1,050,790	11.7	0	0.6	348,371	3.9	

Changes in Public School Funds Expended 1967-72	ABSOLUTE DOLLAR AND PERCENT CHANGES IN EXPENDITURES: 1967-72															
	Total Public School Funds Applied \$	Expenditures by School Committee				Other*	Expenditures for Services provided by Other Municipal Agencies				Expenditures for Regional School Assessments		Expenditures of Federal Funds		Expenditures of Revolving Funds	
		Administration		Instruction												
		\$	%	\$	%		\$	%	\$	%	\$	%	\$	%		
2 529 657	123 503	93.3	1 914 914	47.0	325 455	34.3	120 698	13.0	0	0.0	3 079	5.8	42 008	13.7		

Percent Change in Proportional Distribution of Expenditures 1967-72	PERCENT CHANGE IN PROPORTIONAL DISTRIBUTION OF EXPENDITURES: 1967-72									
	Expenditures by School Committee				Other*	Expenditures for Services provided by Other Municipal Agencies	Expenditures for Regional School Assessments	Expenditures of Federal Funds	Expenditures of Revolving Funds	
	Administration	Instruction								
	33.3	5.7		-3.4	-18.8	0.0	-25.0	-18.8		

Note: *Other includes the following categories: attendance, health service, pupil transportation, food services, athletics, other student-body activities, operation and maintenance of plant, fixed charges, community services, acquisitions of fixed assets, debt retirement and debt services, and programs with other districts.

METROPOLITAN PLANNING PROJECT/COMMUNITY PROFILE # 198 NATICK

EDUCATIONAL CHARACTERISTICS

1970 CENSUS: COUNT OF PERSONS 25 YEARS OF AGE AND OVER BY RACE AND YEARS OF SCHOOL COMPLETED								
Level and Years of School Completed	Total Population		White		Black		Spanish-American	
	#	%	#	%	#	%	#	%
No School Year Completed	132	0.8	132	0.8	0		0	
Elementary: 1-4 years	228	1.4	228	1.4	0		0	
5-6 years	368	2.2	358	2.2	10	6.1	13	12.1
7 years	324	1.9	315	1.9	9	5.5	0	
8 years	915	5.5	901	5.5	8	4.9	0	
High School: 1-3 years	2,570	15.4	2,554	15.5	11	6.7	0	
4 years	6,021	36.2	5,956	36.3	65	39.6	20	18.7
College: 1-3 years	2,626	15.8	2,600	15.8	26	15.9	20	18.7
4 years	1,889	11.4	1,858	11.3	16	9.8	19	17.8
5 years or more	1,570	9.4	1,527	9.3	19	11.6	35	32.7
Total	16,643	100.0	16,429	100.0	164	100.0	107	100.0

MEDIAN SCHOOL YEARS COMPLETED				
Total Population	White	Black	Spanish-American	
12.3	12.3	12.4	15.1	

METROPOLITAN PLANNING PROJECT/COMMUNITY PROFILE # 198 NATICK

DEMOGRAPHIC CHARACTERISTICS

CENSUS POPULATION BY RACE AND SPANISH LANGUAGE: 1960; 1970															
Year	Total Population	Total Population				Non-White						Spanish Language			
		White		Non-white		Black		Native-American		Asian-American		Other		Spanish Language	
		#	%	#	%	#	%	#	%	#	%	#	%	#	%
1960	28,831	28,691	99.5	140	0.5	96	0.3	2	0.01	37	0.1	5	0.02	Not Available	
1970	31,057	30,614	98.6	443	1.4	311	1.0	16	0.1	76	0.2	40	0.1	204	0.7
1960-1970 Increase (+) Decrease (-)		+1,923	6.7	+303	216.4	+215	224.0	+14	700.0	+39	105.4	+35	700.0		
% Change in Proportional Distribution		-0.9		+180.0		+233.3		Undefined		+100.0		Undefined			

CENSUS POPULATION INCREASE OR DECREASE: 1960-1970		
1960-70		
Increase (+) or Decrease (-)		+2,226
% Change 1960-70		
Increase (+) or Decrease (-)		+7.7
Balance of Births to Deaths		
Excess of Births (+)		+3,405
Excess of Deaths (-)		
Net Migration		
Excess of People Moving In (+)		-1,179
Excess of People Moving Out (-)		

1970 CENSUS: FERTILITY RATIO BY RACE	
Total Population	1.749:1
White	1.739:1
Black	2.811:1
Spanish-American	1.375:1

DEMOGRAPHIC CHARACTERISTICS

1970 CENSUS: Household Population by Race			
Race	Total Population #	Population in Households	
		#	%
White	30,614	30,350	98.6
Black	311	304	1.0
Other	132	130	0.4
Total	31,057	30,784	100.0

1970 CENSUS: Number of Families by Sex of Family Head				
Family Head	Total Population	White	Black	Spanish-American
Male	6,940	6,833	81	49
Female	651	651	0	0
Total	7,591	7,484	81	49

1970 CENSUS: AGE DISTRIBUTION BY RACE									
Age	Total	White		Non-white		Non-white			
		#	%	#	%	Black		Other	
						#	%	#	%
Under 5	2,696	2,646	8.6	50	11.3	31	10.0	19	14.4
5 - 9	3,455	3,412	11.1	43	9.7	30	9.6	13	9.8
10 - 14	3,557	3,499	11.4	58	13.1	44	14.1	14	10.6
15 - 19	2,900	2,861	9.3	39	8.8	33	10.6	6	4.5
20 - 24	1,823	1,802	5.9	21	4.7	15	4.8	6	4.5
25 - 44	7,529	7,398	24.2	131	29.6	87	28.0	44	33.3
45 - 64	6,569	6,494	21.2	75	16.9	60	19.3	15	11.4
65 and Over	2,528	2,502	8.2	26	5.9	11	3.5	15	11.4
Total	31,057	30,614	100.0	443	100.0	311	100.0	132	100.0

METROPOLITAN PLANNING PROJECT/COMMUNITY PROFILE # 198 NATICK

DEMOGRAPHIC CHARACTERISTICS

1970 CENSUS: NATIVITY AND PARENTAGE					
Nativity	Total Population		White		Spanish-American
	#	%	#	#	#
Native of Native Parent	21,682	69.7	21,405	252	35
Foreign Stock	9,413	30.3	9,275	77	169
Total	31,095	100.0	30,680	329	204

1970 CENSUS: MOST FREQUENT COUNTRY of Origin of Foreign Stock			
Country of Origin	# of Persons	% Foreign Stock Population	
Canada	2,715	42.9	
Italy	1,631	25.8	
Ireland	1,078	17.0	
United Kingdom	902	14.3	

1970 CENSUS: SPANISH POPULATION INDICATORS			
Indicators	# of Persons	% of Total Population	
Spanish Origin or Descent	378	1.2	
Puerto Rican Birth or Parentage	28	0.1	
Spanish Language	204	0.7	

1970 CENSUS: MOST FREQUENT MOTHER TONGUES Other Than English		
Mother Tongue	# of Persons	% of Total Population
Italian	1,522	4.9
French	873	2.8
Yiddish	568	1.8
Spanish	145	0.5

ECONOMIC CHARACTERISTICS

1970 CENSUS: NUMBER OF EMPLOYED PERSONS 16 YEARS OLD AND OVER BY OCCUPATION									
Occupation	Total Persons Employed		White		Black		Spanish-American		
	#	%	#	%	#	%	#	%	
Professional, Technical and Kindred Workers	2,875	22.1	2,811	21.9	43	30.7	42	47.2	
Managers and Administrators, except Farm	1,375	10.6	1,375	10.7	0		0		
Sales Workers	1,351	10.4	1,342	10.4	9	6.4	15	16.9	
Clerical and Kindred Workers	2,561	19.7	2,541	19.8	20	14.3	19	21.3	
Craftsmen, Foremen and Kindred Workers	1,493	11.5	1,486	11.6	7	5.0	7	7.9	
Operatives, except Transport	982	7.5	958	7.4	24	17.1	0		
Transport Equipment Operatives	316	2.4	308	2.4	8	5.7	0		
Laborers, except Farm	477	3.7	477	3.7	0		0		
Farmers and Farm Managers	21	0.2	21	0.2	0		0		
Farm Laborers and Foremen	35	0.3	35	0.3	0		0		
Service Workers, except Private Household	1,460	11.2	1,431	11.1	29	20.7	6	6.7	
Private Household Workers	71	0.5	71	0.5	0		0		
Total	13,017	100.0	12,856	100.0	140	100.0	89	100.0	

METROPOLITAN PLANNING PROJECT/COMMUNITY PROFILE # 198 NATICK

ECONOMIC CHARACTERISTICS

MEDIAN INCOME: 1960 CENSUS; 1970 CENSUS									
Year	Families			Unrelated Individuals					
	All	White	Black	Spanish-American	All	White	Black	Spanish-American	
1960	\$ 7,550	N.A.	N.A.	N.A.	\$ 2,037	N.A.	N.A.	N.A.	
1970	\$13,143	\$13,110	\$14,049	\$13,500	\$ 3,996	\$4,004	\$3,500	\$7,928	

1970 CENSUS: EMPLOYMENT STATUS BY RACE of Persons 16 Years of Age and Over in Labor Force									
Employment Status	Total Population		White		Black		Spanish-American		
	#	%	#	%	#	%	#	%	%
Employed	13,017	97.5	12,856	97.5	140	100.0	89	100.0	
Unemployed	330	2.5	330	2.5	0		0		
Total	13,347	100.0	13,186	100.0	140	100.0	89	100.0	

METROPOLITAN PLANNING PROJECT/COMMUNITY PROFILE # 198 NATICK

ECONOMIC CHARACTERISTICS

1970 CENSUS: Number of Persons in Families and Number of Unrelated Individuals with Income Less Than Poverty Level								
Family Status	Total Population		White		Black		Spanish-American	
	#	%	#	%	#	%	#	%
Persons in Families	895	66.0	895	66.2	0		0	
Unrelated Individuals	461	34.0	457	33.8	4	100.0	0	
Total	1,356	100.0	1,352	100.0	4	100.0	0	

1970 CENSUS: Number of Related Children Under 18 in Families Below Poverty Level by Presence of Parents								
Parental Presence	Total Population		White		Black		Spanish-American	
	#	%	#	%	#	%	#	%
Living with Both Parents	183	1.6	183	1.6				
Other	206	1.7	206	1.8				
Total	389	3.3	389	3.4	0		0	

METROPOLITAN PLANNING PROJECT/COMMUNITY PROFILE # 198 NATICK

ECONOMIC CHARACTERISTICS

CHARACTERISTICS OF INDUSTRIAL FIRMS: 1967					
Industry	Number of Firms	Annual Payroll in \$	Average Number of Employees	Average Annual Wage in \$	
Agriculture and Mining	10	106,828	33	3,237	
Construction	89	3,979,442	509	7,818	
Manufacturing	53	19,389,072	2,796	6,935	
Transportation, Communication, and Utilities	19	1,299,925	356	3,651	
Wholesale and Retail Trade	221	30,055,734	5,806	5,177	
Finance, Insurance, Real Estate	38	1,776,085	303	5,862	
Service Industries	148	5,982,795	1,049	5,703	
Total	578	62,589,881	10,852	5,768	

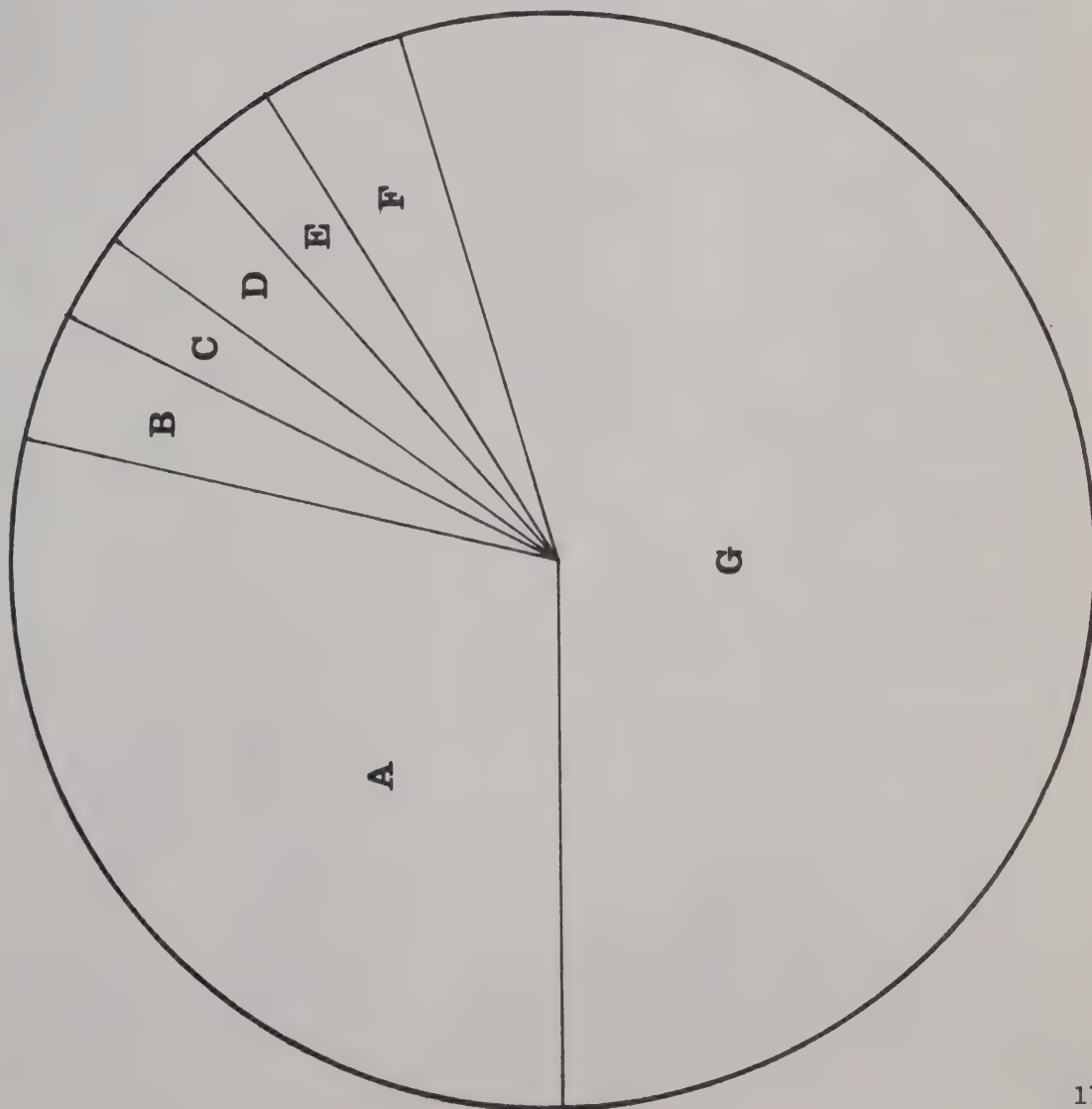
METROPOLITAN PLANNING PROJECT/COMMUNITY PROFILE # 198 NATICK

ECONOMIC CHARACTERISTICS

CHARACTERISTICS OF INDUSTRIAL FIRMS: 1972					
Industry	Number of Firms	Annual Payroll in \$	Average Number of Employees	Average Annual Wage in \$	
Agriculture and Mining	6	193,828	41	4,728	
Construction	92	5,724,940	456	11,568	
Manufacturing	58	29,120,410	3,039	9,582	
Transportation, Communication, and Utilities	18	1,110,674	177	6,275	
Wholesale and Retail Trade	252	44,775,136	7,290	6,142	
Finance, Insurance, Real Estate	46	2,863,515	372	7,698	
Service Industries	176	11,555,040	1,855	6,229	
Total	648	94,893,543	13,230	7,173	

1971 LAND USE PATTERN IN

NATICK



%

LAND USE

28.8

RESIDENTIAL

A

3.8

COMMERCIAL

B

2.5

RECREATIONAL

C

3.4

PUBLIC INSTITUTIONS

D

2.5

INDUSTRIAL

E

4.5

VACANT LAND

F

54.5

OTHER:

G

Transportation

Disposal Sites, Extractive

Agricultural and Forest

Water and Wetlands

METROPOLITAN PLANNING PROJECT/COMMUNITY PROFILE #198 NATICK

HOUSING CHARACTERISTICS

NUMBER OF SUBSIDIZED HOUSING UNITS BY TYPE OF UNIT BY CONSTRUCTION STATUS: 1973									
Status	Total Subsidized Units	Low Income Units			Moderate Income Units			MHFA	
		Elderly	Family	Leased	Elderly	Family Homeownership	Rental Assistance	Low Income Units	Moderate
Completed	220	164	52	4	0	0	0	0	0
Under Construction	0								
In Planning	96	96	0	0	0	0	0	0	0

1970 CENSUS: AGE OF HOUSING UNITS									
Year Built	Total Housing Units		Black Occupied Housing Units		Other Occupied Housing Units		Spanish-American Occupied Housing Units		
	#	%	#	%	#	%	#	%	%
1965-March 1970	520	5.8	20	19.4	500	5.7	0		
1960-1964	611	6.8	17	16.5	594	6.7	0		
1950-1959	2,349	26.3	31	30.1	2,318	26.2	28		53.8
1940-1949	1,450	16.2	14	13.6	1,436	16.2	7		13.5
1939 or earlier	4,016	44.9	21	20.4	3,995	45.2	17		32.7
Total	8,946	100.0	103	100.0	8,843	100.0	52		100.0

METROPOLITAN PLANNING PROJECT/COMMUNITY PROFILE # 198 NATICK

HOUSING CHARACTERISTICS

1970 CENSUS: SELECTED HOUSING CHARACTERISTICS												
Total Housing Units				Occupied Housing Units						Median Value Owner Occupied Unit		
Total		Vacant		Occupied		Total		Owner Occupied		Renter Occupied		Median Contract Rent
#	%	#	%	#	%	#	%	#	%	#	%	\$
8,984	100.0	126	1.4	8,858	98.6	8,858	100.0	6,979	78.8	1,879	21.2	23,100
												120

1970 CENSUS: NUMBER OF HOUSING UNITS by Occupancy Status and Race of Head of Household						
Occupancy Status	Total		White Head of Household		Black Head of Household	
	#	%	#	%	#	%
Owner Occupied	6,979	77.7	6,889	78.8	65	80.2
Renter Occupied	1,879	20.9	1,857	21.2	16	19.8
Vacant Year Round	124	1.4	Not Applicable			
Total	8,982	100.0	8,746	100.0	81	100.0

BUILDING PERMITS ISSUED FOR NEW Dwelling Units: 1960-1971	
Year Issued	Number
1960-1964	689
1965-1970	486
1971	635
Total	1,810

METROPOLITAN PLANNING PROJECT/COMMUNITY PROFILE # 198 NATICK

HOUSING CHARACTERISTICS

1970 CENSUS: NUMBER OF PERSONS PER ROOM IN OCCUPIED HOUSING UNITS by Race of Head of Household						
Persons per Room	Total Occupied Units		Black Occupied Units		Other Occupied Units	
	#	%	#	%	#	%
1.00 or less	8,414	95.0	75	92.6	8,339	95.0
1.01 to 1.50	391	4.4	5	6.2	386	4.4
1.51 or more	53	0.6	1	1.2	52	0.6
Total	8,858	100.0	81	100.0	8,777	100.0

1970 CENSUS: Average Number of Persons per Housing Unit	
Total Occupied Housing Units	3.5
Black Occupied Housing Units	4.1
Other Occupied Housing Units	3.4
Spanish-American Occupied Housing Units	3.6

1970 CENSUS: TYPE OF HOUSING STRUCTURE		
Type	# of Structures	% of Housing Units
1 Unit	7,035	78.6
2 Units	1,053	11.8
3-4 Units	341	3.8
5-9 Units	188	2.1
10 or more Units	329	3.7
Mobile Home or Trailer	0	
Total	8,946	100.0

METROPOLITAN PLANNING PROJECT/COMMUNITY PROFILE # 198 NATICK

HOUSING CHARACTERISTICS

1970 CENSUS: VALUE OF OWNER OCCUPIED HOUSING UNITS BY RACE OF HEAD OF HOUSEHOLD									
	Total Owner		Black Owner		Other Owner		Spanish-American		
	#	%	#	%	#	%	#	%	
Less than \$5,000	16	0.2	0		16	0.3	0		
\$5,000 - \$7,499	12	0.2	0		12	0.2	0		
\$7,500 - \$9,999	66	1.0	0		66	1.0	0		
\$10,000 - \$12,499	174	2.7	0		174	2.7	0		
\$12,500 - \$14,999	304	4.7	0		304	4.8	0		
\$15,000 - \$17,499	556	8.7	0		556	8.8	0		
\$17,500 - \$19,999	778	12.1	10	13.9	768	12.1	12	26.1	
\$20,000 - \$24,999	1,916	29.9	17	23.6	1,899	30.0	7	15.2	
\$25,000 - \$34,999	1,845	28.8	31	43.1	1,814	28.6	27	58.7	
\$35,000 - \$49,999	566	8.8	14	19.4	552	8.7	0		
\$50,000 and over	178	2.8	0		178	2.8	0		
Total	6,411	100.0	72	100.0	6,339	100.0	46	100.0	

METROPOLITAN PLANNING PROJECT/COMMUNITY PROFILE # 198 NATICK

HOUSING CHARACTERISTICS

1970 CENSUS: MONTHLY GROSS RENT BY RACE OF HEAD OF HOUSEHOLD									
Monthly Gross Rent	Total Renter		Black Renter		Other Renter		Spanish-American		
	Occupied Units	%	Occupied Units	%	Occupied Units	%	Renter Occupied Units	%	
Less than \$30	0		0		0				
\$30 - \$49	17	0.9	0		17	0.9			
\$50 - \$69	210	11.0	0		210	11.2			
\$70 - \$89	100	5.3	0		100	5.3			
\$90 - \$119	218	11.5	0		218	11.6			
\$120 - \$149	386	20.3	5	18.5	381	20.3			
\$150 - \$199	556	29.2	5	18.5	551	29.4			
\$200 - \$249	218	11.5	12	44.4	206	11.0			
\$250 - \$299	50	2.6	0		50	2.7			
\$300 or more	43	2.3	5	18.5	38	2.0			
No Cash Rent	104	5.5	0		104	5.5			
Total	1,902	100.0	27	100.0	1,875	100.0		N.A.	

School	District #	198
School #	003	

1973-74

School District:	Natick
School Name:	Bacon
No. & Street:	Walnut
City, State, Zip:	Natick, Mass. 01760
Grade Organization:	K-2
Facilities:	
Initial Construction Date:	1903
Dates of Additions or Changes:	
# Rooms, Instructional Use:	5
# Rooms, Other Uses:	3
TOTAL	8

School District # 198		
School # 003		
1973-74		
Federal Programs		
Title I:		
Type of Program:		Reading
# of Students:		7
% School Enrollment:		8.2
Lunch Program:		
# Students, Free:		6
# Students, Reduced Price:		0
TOTAL		6
% School Enrollment:		7.0
Bilingual Program:		
# Eligible Students:		0
% School Enrollment:		
METCO Interdistrict Program:		
# Students:		0
% School Enrollment:		

[illegible]

School District # 198
School # 003

STUDENT ETHNIC CENSUS: 1973-74					
	Total	White	Non-white	Non-white	
				Black	Native-American Asian-American Spanish Surname
Number	85	83	2	1	1
Percent	100.0	97.6	2.4	1.2	1.2

RACIAL CENSUS: 1967-68, 1970-71, 1972-73			
Years	Total Enrollment	White	Non-white
1967-1968	134	100.0	0
1970-1971	120	98.3	2
1972-1973	103	98.1	2

RACIAL CENSUS: ENROLLMENT CHANGE 1967-1972			
	#	%	% Change in Proportional Distribution
TOTAL	-31	-23.1	
White	-33	-24.6	-1.9
Non-white	2	Undefined	Undefined

ELIGIBLE TRANSITIONAL BILINGUAL STUDENTS: 1973-74		
Language	Number of Students	Percent of Bilingual Enrollment
TOTAL	0	
Chinese		
French		
Greek		
Italian		
Portuguese		
Spanish		
Other		

METROPOLITAN PLANNING PROJECT/INDIVIDUAL SCHOOL PROFILE

1973-74	School District: <u>Natick</u>	School District # <u>198</u>
	School Name: <u>Bennett-Hemenway</u>	School # <u>005</u>
	No. & Street: <u>E. Evergreen Road</u>	
	City, State, Zip: <u>Natick, Mass. 01760</u>	
	Grade Organization: <u>K-6</u>	
	Facilities:	
	Initial Construction Date: <u>1953</u>	
	Dates of Additions or Changes: <u>1955, 1961</u>	
	# Rooms, Instructional Use: <u>29</u>	
	# Rooms, Other Uses: <u>18</u>	
	TOTAL <u>47</u>	

1973-74	School District # <u>198</u>
Federal Programs	School # <u>005</u>
Title I:	
Type of Program:	
# of Students:	<u>0</u>
% School Enrollment:	
Lunch Program:	
# Students, Free:	<u>62</u>
# Students, Reduced Price:	<u>0</u>
TOTAL	<u>62</u>
% School Enrollment:	<u>9.4</u>
Bilingual Program:	
# Eligible Students:	<u>0</u>
% School Enrollment:	
METCO Interdistrict Program:	
# Students:	<u>0</u>
% School Enrollment:	

[illegible]

STUDENT ETHNIC CENSUS: 1973-74							School District # 198
							School # 005
	Total	White	Non-white	Black	Native-American	Asian-American	Spanish Surname
Number	654	631	23	21	0	0	2
Percent	100.0	96.5	3.5	3.2			0.3

RACIAL CENSUS: 1967-68, 1970-71, 1972-73					
Years	Total Enrollment	White		Non-white	
		#	%	#	%
1967-1968	812	800	98.5	12	1.5
1970-1971	781	748	95.8	33	4.2
1972-1973	707	677	95.8	30	4.2

RACIAL CENSUS: ENROLLMENT CHANGE 1967-1972			
	#	%	% Change in Proportional Distribution
TOTAL	-105	-12.9	
White	-123	-15.4	-2.7
Non-white	+ 18	+150.0	+180.0

ELIGIBLE TRANSITIONAL BILINGUAL STUDENTS: 1973-74		
Language	Number of Students	Percent of Bilingual Enrollment
TOTAL	0	
Chinese		
French		
Greek		
Italian		
Portuguese		
Spanish		
Other		

METROPOLITAN PLANNING PROJECT/INDIVIDUAL SCHOOL PROFILE

1973-74 Federal Programs		School District # 198
Title I:		School # 010
Type of Program:		
# of Students:		0
% School Enrollment:		
Lunch Program:		
# Students, Free:		16
# Students, Reduced Price:		0
TOTAL		16
% School Enrollment:		5.3
Bilingual Program:		
# Eligible Students:		0
% School Enrollment:		
METCO Interdistrict Program:		
# Students:		0
% School Enrollment:		

1973-74

School District:	Natick
School Name:	Brown
No. & Street:	Hartford
City, State, Zip:	Natick, Mass. 01760
Grade Organization:	K-6
Facilities:	
Initial Construction Date:	1950
Dates of Additions or Changes:	1952
# Rooms, Instructional Use:	15
# Rooms, Other Uses:	12
TOTAL	27

[illegible]

School District # 198 School # 010

STUDENT ETHNIC CENSUS: 1973-74							
	Total	White	Non-white	Non-white			
				Black	Native-American	Asian-American	Spanish Surname
Number	300	294	6	5	0	1	0
Percent	100.0	98.0	2.0	1.7		0.3	

RACIAL CENSUS: 1967-68, 1970-71, 1972-73					
Years	Total Enrollment	White		Non-white	
		#	%	#	%
1967-1968	372	368	98.9	4	1.1
1970-1971	357	356	99.7	1	0.3
1972-1973	310	308	99.4	2	0.6

RACIAL CENSUS: ENROLLMENT CHANGE 1967-1972				
	#	%	% Change in Proportional Distribution	
TOTAL	-62	-16.7		
White	-60	-16.3	+0.5	
Non-white	-2	-50.0	-45.5	

ELIGIBLE TRANSITIONAL BILINGUAL STUDENTS: 1973-74		
Language	Number of Students	Percent of Bilingual Enrollment
TOTAL	0	
Chinese		
French		
Greek		
Italian		
Portuguese		
Spanish		
Other		

School District # 198
School # 015

1973-74

School District:	Natick
School Name:	Center
No. & Street:	13 East Central
City, State, Zip:	Natick, Mass. 01760
Grade Organization:	4-6
Facilities:	
Initial Construction Date:	1912
Dates of Additions or Changes:	1935
# Rooms, Instructional Use:	22
# Rooms, Other Uses:	12
TOTAL	34

1973-74	
Federal Programs	
Title I:	
Type of Program:	Reading
# of Students:	15
% School Enrollment:	
Lunch Program:	
# Students, Free:	66
# Students, Reduced Price:	0
TOTAL	66
% School Enrollment:	14.2
Bilingual Program:	
# Eligible Students:	0
% School Enrollment:	
METCO Interdistrict Program:	
# Students:	0
% School Enrollment:	

[illegible]

School District # 198
School # 015

STUDENT ETHNIC CENSUS: 1973-74					
Total	White	Non-white	Non-white		
			Black	Native-American	Asian-American
					Spanish Surname
Number	463	2	2	0	0
Percent	99.6	0.4	0.4		

RACIAL CENSUS: 1967-68, 1970-71, 1972-73					
Years	Total Enrollment		Non-white		
	#	%	#	%	%
1967-1968	626	99.5	3	0.5	
1970-1971	495	99.2	4	0.8	
1972-1973	497	99.6	2	0.4	

RACIAL CENSUS: ENROLLMENT CHANGE 1967-1972			
	#	%	% Change in Proportional Distribution
TOTAL	-129	-20.6	
White	-128	-20.5	+0.1
Non-white	-1	-33.3	-20.0

ELIGIBLE TRANSITIONAL BILINGUAL STUDENTS: 1973-74		
Language	Number of Students	Percent of Bilingual Enrollment
TOTAL	0	
Chinese		
French		
Greek		
Italian		
Portuguese		
Spanish		
Other		

School District #	198
School #	020

1973-74

School District:	Natick
School Name:	Cole
No. & Street:	Boden Lane
City, State, Zip:	Natick, Mass. 01760
Grade Organization:	K-6
Facilities:	
Initial Construction Date:	1956
Dates of Additions or Changes:	1960
# Rooms, Instructional Use:	19
# Rooms, Other Uses:	15
TOTAL	34

1973-74	
Federal Programs	
Title I:	
Type of Program:	
# of Students:	0
% School Enrollment:	
Lunch Program:	
# Students, Free:	8
# Students, Reduced Price:	0
TOTAL	8
% School Enrollment:	2.6
Bilingual Program:	
# Eligible Students:	0
% School Enrollment:	
METCO Interdistrict Program:	
# Students:	0
% School Enrollment:	

[illegible]

School District # 198
School # 020

STUDENT ETHNIC CENSUS: 1973-74				
	Total	White	Non-white	Non-white
				Native- American
				Black
Number	309	301	8	0
Percent	100.0	97.4	2.6	0

RACIAL CENSUS: 1967-68, 1970-71, 1972-73					
Years	Total En- rollment	White #	White %	Non-white #	Non-white %
1967- 1968	429	412	96.0	17	4.0
1970- 1971	378	365	96.6	13	3.4
1972- 1973	319	307	96.2	12	3.8

RACIAL CENSUS: ENROLLMENT CHANGE 1967-1972			
	#	%	% Change in Propor- tional Distribution
TOTAL	-110	-25.6	
White	-105	-25.4	+0.2
Non-white	-5	-29.4	-5.0

ELIGIBLE TRANSITIONAL BILINGUAL STUDENTS: 1973-74		
Language	Number of Students	Percent of Bilingual Enrollment
TOTAL	0	
Chinese		
French		
Greek		
Italian		
Portuguese		
Spanish		
Other		

METROPOLITAN PLANNING PROJECT/INDIVIDUAL SCHOOL PROFILE

1973-74	
School District:	Natick
School Name:	East
No. & Street:	Oak
City, State, Zip:	Natick, Mass. 01760
Grade Organization:	K-6
Facilities:	
Initial Construction Date:	1925
Dates of Additions or Changes:	1960
# Rooms, Instructional Use:	17
# Rooms, Other Uses:	10
TOTAL	27

School District # 198	
School # 025	
1973-74	
Federal Programs	
Title I:	
Type of Program:	Reading
# of Students:	28
% School Enrollment:	
Lunch Program:	
# Students, Free:	27
# Students, Reduced Price:	0
TOTAL	27
% School Enrollment:	9.7
Bilingual Program:	
# Eligible Students:	0
% School Enrollment:	
METCO Interdistrict Program:	
# Students:	0
% School Enrollment:	

STAFF ETHNIC CENSUS: 1973-74

[illegible]

School District # 198
School # 025

STUDENT ETHNIC CENSUS: 1973-74							
	Total	White	Non-white	Non-white			Spanish Surname
				Black	Native-American	Asian-American	
Number	279	279	0	0	0	0	0
Percent	100.0	100.0					

RACIAL CENSUS: 1967-68, 1970-71, 1972-73					
Years	Total Enrollment	White		Non-white	
		#	%	#	%
1967-1968	381	380	99.7	1	.3
1970-1971	346	345	99.7	1	.3
1972-1973	313	313	100.0	0	

RACIAL CENSUS: ENROLLMENT CHANGE 1967-1972			
	#	%	% Change in Proportional Distribution
TOTAL	-68	-17.8	
White	-67	-17.6	+0.3
Non-white	-1	-100.0	-100.0

ELIGIBLE TRANSITIONAL BILINGUAL STUDENTS: 1973-74		
Language	Number of Students	Percent of Bilingual Enrollment
TOTAL	0	
Chinese		
French		
Greek		
Italian		
Portuguese		
Spanish		
Other		

METROPOLITAN PLANNING PROJECT/INDIVIDUAL SCHOOL PROFILE

School District # 198	
School # 030	
1973-74	
Federal Programs	
Title I:	
Type of Program:	
# of Students:	0
% School Enrollment:	
Lunch Program:	
# Students, Free:	11
# Students, Reduced Price:	0
TOTAL	11
% School Enrollment:	10.9
Bilingual Program:	
# Eligible Students:	0
% School Enrollment:	
METCO Interdistrict Program:	
# Students:	0
% School Enrollment:	

1973-74

School District:	Natick
School Name:	Eliot
No. & Street:	Auburn
City, State, Zip:	Natick, Mass. 01760
Grade Organization:	1-5
Facilities:	
Initial Construction Date:	1925
Dates of Additions or Changes:	
# Rooms, Instructional Use:	7
# Rooms, Other Uses:	7
TOTAL	14

[illegible]

School District # 198
School # 030

STUDENT ETHNIC CENSUS: 1973-74					
Total		White	Non-white	Non-white	
				Black	Native-American Asian-American Spanish Surname
Number	101	99	2	0	0
Percent	100.0	98.0	2.0		2.0

RACIAL CENSUS: 1967-68, 1970-71, 1972-73					
Years	Total Enrollment	White		Non-white	
		#	%	#	%
1967-1968	190	190	100.0	0	
1970-1971	110	110	100.0	0	
1972-1973	113	113	100.0	0	

RACIAL CENSUS: ENROLLMENT CHANGE 1967-1972			
	#	%	% Change in Proportional Distribution
TOTAL	-77	-40.5	
White	-77	-40.5	0.0
Non-white	0	0.0	0.0

ELIGIBLE TRANSITIONAL BILINGUAL STUDENTS: 1973-74		
Language	Number of Students	Percent of Bilingual Enrollment
TOTAL	0	
Chinese		
French		
Greek		
Italian		
Portuguese		
Spanish		
Other		

METROPOLITAN PLANNING PROJECT/INDIVIDUAL SCHOOL PROFILE

1973-74		School District # 198
Federal Programs		School # 031
Title I:		
Type of Program:	Reading	
# of Students:	49	
% School Enrollment:		
Lunch Program:		
# Students, Free:	57	
# Students, Reduced Price:	0	
TOTAL	57	
% School Enrollment:	15.4	
Bilingual Program:		
# Eligible Students:	0	
% School Enrollment:		
METCO Interdistrict Program:		
# Students:	0	
% School Enrollment:		

1973-74

School District:	Natick
School Name:	Johnson
No. & Street:	South Main
City, State, Zip:	Natick, Mass. 01760
Grade Organization:	K-4
Facilities:	
Initial Construction Date:	1949
Dates of Additions or Changes:	
# Rooms, Instructional Use:	16
# Rooms, Other Uses:	24
TOTAL	40

[illegible]

STUDENT ETHNIC CENSUS: 1973-74							School District # 198 School # 031	
	Total	White	Non-white	Non-white				
				Black	Native-American	Asian-American		
Number	369	364	5	4	0	0	1	
Percent	100.0	98.6	1.4	1.1			0.3	

RACIAL CENSUS: 1967-68, 1970-71, 1972-73					
Years	Total Enrollment	White		Non-white	
		#	%	#	%
1967-1968	434	430	99.1	4	0.9
1970-1971	373	369	98.9	4	1.1
1972-1973	375	369	98.4	6	1.6

RACIAL CENSUS: ENROLLMENT CHANGE 1967-1972			
TOTAL	#	%	% Change in Proportional Distribution
	-59	-13.6	
White	-61	-14.2	-0.2
Non-white	+ 2	+50.0	+77.8

ELIGIBLE TRANSITIONAL BILINGUAL STUDENTS: 1973-74		
Language	Number of Students	Percent of Bilingual Enrollment
TOTAL	0	
Chinese		
French		
Greek		
Italian		
Portuguese		
Spanish		
Other		

School District #	198
School #	035

1973-74
School District: Natick
School Name: Lilja Elementary
No. & Street: Bacon at Oak
City, State, Zip: Natick, Mass. 01760
Grade Organization: K-6
Facilities:
Initial Construction Date: 1950
Dates of Additions or Changes: 1958
Rooms, Instructional Use: 17
Rooms, Other Uses: 14
TOTAL 31

School District # 198	
School # 035	
1973-74	
Federal Programs	
Title I:	
Type of Program:	
# of Students:	0
% School Enrollment:	
Lunch Program:	
# Students, Free:	16
# Students, Reduced Price:	0
TOTAL	16
% School Enrollment:	4.6
Bilingual Program:	
# Eligible Students:	0
% School Enrollment:	
METCO Interdistrict Program:	
# Students:	0
% School Enrollment:	

[illegible]

School District # 198
School # 035

STUDENT ETHNIC CENSUS: 1973-74					
Total	White	Non-white	Non-white		
			Black	Native-American	Asian-American
Number	342	4	1	0	3
Percent	98.6	1.2	0.3		0.9
					Spanish Surname
					0

RACIAL CENSUS: 1967-68, 1970-71, 1972-73					
Years	White		Non-white		
	#	%	#	%	%
1967-1968	425	98.8	5	1.2	
1970-1971	392	100.0	0		
1972-1973	363	98.9	4	1.1	

RACIAL CENSUS: ENROLLMENT CHANGE 1967-1972			
	#	%	% Change in Proportional Distribution
TOTAL	-63	-14.7	
White	-62	-14.6	+0.1
Non-white	-1	-20.0	-8.3

ELIGIBLE TRANSITIONAL BILINGUAL STUDENTS: 1973-74		
Language	Number of Students	Percent of Bilingual Enrollment
TOTAL	0	
Chinese		
French		
Greek		
Italian		
Portuguese		
Spanish		
Other		

School District # 198	
School # 040	
1973-74	
Federal Programs	
Title I:	
Type of Program:	Reading Center
# of Students:	29
% School Enrollment:	
Lunch Program:	
# Students, Free:	44
# Students, Reduced Price:	0
TOTAL	44
% School Enrollment:	14.8
Bilingual Program:	
# Eligible Students:	0
% School Enrollment:	
METCO Interdistrict Program:	
# Students:	0
% School Enrollment:	

[illegible]

School District # 198
School # .040

STUDENT ETHNIC CENSUS: 1973-74					
	Total	White	Non-white	Non-white	
				Black	Native-American
					Asian-American
					Spanish Surname
Number	298	290	8	6	0
Percent	100.0	97.3	2.7	2.0	0.7

RACIAL CENSUS: 1967-68, 1970-71, 1972-73					
Years	Total Enrollment	White		Non-white	
		#	%	#	%
1967-1968	448	444	99.1	4	0.9
1970-1971	368	364	98.9	4	1.1
1972-1973	313	309	98.7	4	1.3

RACIAL CENSUS: ENROLLMENT CHANGE 1967-1972			
	#	%	% Change in Proportional Distribution
TOTAL	-135	-30.1	
White	-135	-30.4	-0.4
Non-white	0	0.0	+44.4

ELIGIBLE TRANSITIONAL BILINGUAL STUDENTS: 1973-74		
Language	Number of Students	Percent of Bilingual Enrollment
TOTAL	0	
Chinese		
French		
Greek		
Italian		
Portuguese		
Spanish		
Other		

METROPOLITAN PLANNING PROJECT/INDIVIDUAL SCHOOL PROFILE

School District # 198
School # 043

1973-74
School District: Natick
School Name: Memorial
No. & Street: Eliot
City, State, Zip: Natick, Mass. 01760
Grade Organization: K-6
Facilities:
Initial Construction Date: 1968
Dates of Additions or Changes:
Rooms, Instructional Use: 25
Rooms, Other Uses: 18
TOTAL 43

1973-74
Federal Programs
Title I:
Type of Program:
of Students: 0
% School Enrollment:
Lunch Program:
Students, Free:
Students, Reduced Price:
TOTAL 17
% School Enrollment: 3.8
Bilingual Program:
Eligible Students: 0
% School Enrollment:
METCO Interdistrict Program:
Students: 0
% School Enrollment:

STAFF ETHNIC CENSUS: 1973-74													
Professional Staff	Census		Age				Years in Present System			Position			
	#	%	Under 26	26-34	35-55	56 & Over	Under 3	3-9	10 & Over	Adminis- trators	Teachers	Teacher Aides	Other Profes- sionals
TOTAL	27	100.0	2	16	8	1	5	19	3	2	18	0	7
White	25	92.6	2	15	7	1	4	18	3	2	16	0	7
Black	1	3.7	0	0	1	0	0	1	0	0	1	0	0
Spanish Surname	0		0	0	0	0	0	0	0	0	0	0	0
Asian-American	0		0	0	0	0	0	0	0	0	0	0	0
Native-American	0		0	0	0	0	0	0	0	0	0	0	0
Other	1	3.7	0	1	0	0	1	0	0	0	1	0	0

School District # 198
School # 043

STUDENT ETHNIC CENSUS: 1973-74						
	Total	White	Non-white	Black	Non-white	
					Native-American	Asian-American
						Spanish Surname
Number	446	438	8	2	4	0
Percent	100.0	98.2	1.8	0.4	0.9	0.4

RACIAL CENSUS: 1967-68; 1970-71, 1972-73					
Years	Total Enrollment	White		Non-white	
		#	%	#	%
1967-1968	School not yet open				
1970-1971	472	467	98.9	5	1.1
1972-1973	419	419	100.0	0	

RACIAL CENSUS: ENROLLMENT CHANGE 1967-1972				
TOTAL	#	%	% Change in Proportional Distribution	
	Not Applicable	Not Applicable		
White	Not Applicable	Not Applicable	Not Applicable	
Non-white	Not Applicable	Not Applicable	Not Applicable	

ELIGIBLE TRANSITIONAL BILINGUAL STUDENTS: 1973-74		
Language	Number of Students	Percent of Bilingual Enrollment
TOTAL	0	
Chinese		
French		
Greek		
Italian		
Portuguese		
Spanish		
Other		

METROPOLITAN PLANNING PROJECT/INDIVIDUAL-SCHOOL PROFILE

School District # 198	
School # 045	
1973-74	
Federal Programs	
Title I:	
Type of Program:	Reading
# of Students:	27
% School Enrollment:	
Lunch Program:	
# Students, Free:	16
# Students, Reduced Price:	0
TOTAL	16
% School Enrollment:	4.8
Bilingual Program:	
# Eligible Students:	0
% School Enrollment:	
METCO Interdistrict Program:	
# Students:	0
% School Enrollment:	

1973-74
School District: Natick
School Name: Murphy
No. & Street: North Main
City, State, Zip: Natick, Mass. 01760
Grade Organization: K-5
Facilities:
Initial Construction Date: 1903
Dates of Additions or Changes: 1955
Rooms, Instructional Use: 15
Rooms, Other Uses: 10
TOTAL 25

STAFF ETHNIC CENSUS: 1973-74														
Professional Staff	Census		Age			Years in Present System		Position						
	#	% %	Under 26	26-34	35-55	56 & Over	Under 3	3-9	8	10 & Over	Adminis- trators	Teachers	Teacher Aides	Other Profes- sionals
TOTAL	13	100.0	1	9	3	0	2				1	12	0	0
White	13	100.0	1	9	3	0	2				1	12	0	0
Black	0		0	0	0	0	0				0	0	0	0
Spanish Surname	0		0	0	0	0	0				0	0	0	0
Asian-American	0		0	0	0	0	0				0	0	0	0
Native-American	0		0	0	0	0	0				0	0	0	0
Other	0		0	0	0	0	0				0	0	0	0

School District # 198
School # 045

STUDENT ETHNIC CENSUS: 1973-74						
	Total	White	Non-white	Black	Native-American	Non-white Asian-American Spanish Surname
Number	332	326	6	3	0	2 1
Percent	100.0	78.2	1.8	0.9		0.6 0.3

RACIAL CENSUS: 1967-68, 1970-71, 1972-73					
Years	Total Enrollment	White		Non-white	
		#	%	#	%
1967-1968	365	363	99.5	2	.5
1970-1971	343	340	99.1	3	.9
1972-1973	327	327	100.0	0	

RACIAL CENSUS: ENROLLMENT CHANGE 1967-1972			
	#	%	% Change in Proportional Distribution
TOTAL	-38	-10.4	
White	-36	-9.9	+0.5
Non-white	-2	-100.0	-100.0

ELIGIBLE TRANSITIONAL BILINGUAL STUDENTS: 1973-74		
Language	Number of Students	Percent of Bilingual Enrollment
TOTAL	0	
Chinese		
French		
Greek		
Italian		
Portuguese		
Spanish		
Other		

METROPOLITAN PLANNING PROJECT/INDIVIDUAL SCHOOL PROFILE

1973-74	
Federal Programs	
Title I:	
Type of Program:	
# of Students:	
% School Enrollment:	
Lunch Program:	
# Students, Free:	4
# Students, Reduced Price:	0
TOTAL	4
% School Enrollment:	2.9
Bilingual Program:	
# Eligible Students:	0
% School Enrollment:	
METCO Interdistrict Program:	
# Students:	0
% School Enrollment:	

1973-74	School District:	Natick
	School Name:	West
	No. & Street:	Mill
	City, State, Zip:	Natick, Mass. 01760
	Grade Organization:	K-3
	Facilities:	
	Initial Construction Date:	1902
	Dates of Additions or Changes:	1919, 1932, 1949
	# Rooms, Instructional Use:	N.A.
	# Rooms, Other Uses:	N.A.
	TOTAL	N.A.

[illegible]

School District # 198
School # 050

STUDENT ETHNIC CENSUS: 1973-74							
	Total	White	Non-white	Non-white			
				Black	Native-American	Asian-American	Spanish Surname
Number	139	136	3	1	0	0	2
Percent	100.0	97.8	2.2	0.7			1.4

RACIAL CENSUS: 1967-68, 1970-71, 1972-73					
Years	Total Enrollment	White		Non-white	
		#	%	#	%
1967-1968	193	193	100.0	0	
1970-1971	171	171	100.0	0	
1972-1973	147	143	97.3	4	2.7

RACIAL CENSUS: ENROLLMENT CHANGE 1967-1972			
	#	%	% Change in Proportional Distribution
TOTAL	-46	-23.8	
White	-50	-25.9	-2.7
Non-white	4	Undefined	Undefined

ELIGIBLE TRANSITIONAL BILINGUAL STUDENTS: 1973-74		
Language	Number of Students	Percent of Bilingual Enrollment
TOTAL	0	
Chinese		
French		
Greek		
Italian		
Portuguese		
Spanish		
Other		

METROPOLITAN PLANNING PROJECT/INDIVIDUAL SCHOOL PROFILE

1973-74
School District: Natick
School Name: Coolidge Jr. High
No. & Street: 14 Cottage
City, State, Zip: Natick, Mass. 01760
Grade Organization: 7-9
Facilities:
Initial Construction Date: 1926
Dates of Additions or Changes: 1959
Rooms, Instructional Use: 34
Rooms, Other Uses: 21
TOTAL 55

School District # 198	
School # 405	
1973-74	
Federal Programs	
Title I:	
Type of Program:	
% of Students:	0
% School Enrollment:	
Lunch Program:	
# Students, Free:	50
# Students, Reduced Price:	0
TOTAL	50
% School Enrollment:	8.2
Bilingual Program:	
# Eligible Students:	0
% School Enrollment:	
METCO Interdistrict Program:	
# Students:	0
% School Enrollment:	

[illegible]

School District # 198
School # 405

STUDENT ETHNIC CENSUS: 1973-74							
	Total	White	Non-white	Non-white			
				Black	Native-American	Asian-American	Spanish Surname
Number	608	602	6	5	0	1	0
Percent	100.0	99.0	1.0	0.8		0.2	

RACIAL CENSUS: 1967-68, 1970-71, 1972-73					
Years	Total Enrollment	White		Non-white	
		#	%	#	%
1967-1968	605	600	99.2	5	0.8
1970-1971	609	603	99.0	6	1.0
1972-1973	592	582	98.3	10	1.7

RACIAL CENSUS: ENROLLMENT CHANGE 1967-1972			
	#	%	% Change in Proportional Distribution
TOTAL	-13	-2.1	
White	-18	-3.0	-0.9
Non-white	+ 5	+100.0	+112.5

ELIGIBLE TRANSITIONAL BILINGUAL STUDENTS: 1973-74		
Language	Number of Students	Percent of Bilingual Enrollment
TOTAL	0	
Chinese		
French		
Greek		
Italian		
Portuguese		
Spanish		
Other		

School District # 198
School # 410

1973-74
School District: Natick
School Name: Kennedy Jr. High
No. & Street: 165 Mill
City, State, Zip: Natick, Mass. 01760
Grade Organization: 7-9
Facilities:
Initial Construction Date: 1965
Dates of Additions or Changes: _____
Rooms, Instructional Use: 45
Rooms, Other Uses: 30
TOTAL 75

1973-74	
Federal Programs	
Title I:	
Type of Program:	0
# of Students:	
% School Enrollment:	
Lunch Program:	
# Students, Free:	42
# Students, Reduced Price:	0
TOTAL	42
% School Enrollment:	5.6
Bilingual Program:	
# Eligible Students:	0
% School Enrollment:	
METCO Interdistrict Program:	
# Students:	17
% School Enrollment:	2.3

[illegible]

		STUDENT ETHNIC CENSUS: 1973-74					School District # 198 School # 410	
	Total	White	Non-white	Non-white				
				Black	Native- American	Asian- American	Spanish Surname	
Number	748	709	39	36	0	1	2	
Percent	100.0	94.8	5.2	4.8		0.1	0.3	

RACIAL CENSUS: 1967-68, 1970-71, 1972-73						
Years	Total En- rollment	White		Non-white		
		#	%	#	%	
1967- 1968	624	608	97.4	16	2.6	
1970- 1971	751	720	95.9	31	4.1	
1972- 1973	751	725	96.5	26	3.5	

RACIAL CENSUS: ENROLLMENT CHANGE 1967-1972				
	#	%		% Change in Propor- tional Distribution
TOTAL	+127		+20.4	
White	+117		+19.2	-0.9
Non-white	+10		+62.5	+ 42.3

ELIGIBLE TRANSITIONAL BILINGUAL STUDENTS: 1973-74		
Language	Number of Students	Percent of Bilingual Enrollment
TOTAL	0	
Chinese		
French		
Greek		
Italian		
Portuguese		
Spanish		
Other		

METROPOLITAN PLANNING PROJECT/INDIVIDUAL SCHOOL PROFILE

School District #	198
School #	415
1973-74	
Federal Programs	
Title I:	
Type of Program:	
# of Students:	0
% School Enrollment:	
Lunch Program:	
# Students, Free:	19
# Students, Reduced Price:	0
TOTAL	19
% School Enrollment:	2.7
Bilingual Program:	
# Eligible Students:	0
% School Enrollment:	
METCO Interdistrict Program:	
# Students:	0
% School Enrollment:	

1973-74

School District:	Natick
School Name:	Wilson Jr. High
No. & Street:	24 Rutledge Rd.
City, State, Zip:	Natick, Mass. 01760
Grade Organization:	7-9
Facilities:	
Initial Construction Date:	1959
Dates of Additions or Changes:	
# Rooms, Instructional Use:	38
# Rooms, Other Uses:	27
TOTAL	65

[illegible]

School District # 198
School # 415

STUDENT ETHNIC CENSUS: 1973-74							
	Total	White	Non-white	Non-white			
				Black	Native-American	Asian-American	Spanish Surname
Number	715	702	13	10	0	1	2
Percent	100.0	98.2	1.8	1.4		0.1	0.3

RACIAL CENSUS: 1967-68, 1970-71, 1972-73					
Years	Total Enrollment	White		Non-white	
		#	%	#	%
1967-1968	703	696	99.0	7	1.0
1970-1971	717	705	98.3	12	1.7
1972-1973	704	696	98.9	8	1.1

RACIAL CENSUS: ENROLLMENT CHANGE 1967-1972			
	#	%	% Change in Proportional Distribution
TOTAL	+1	+0.1	
White	0	0.0	-0.1
Non-white	+1	+14.3	+10.0

ELIGIBLE TRANSITIONAL BILINGUAL STUDENTS: 1973-74		
Language	Number of Students	Percent of Bilingual Enrollment
TOTAL	0	
Chinese		
French		
Greek		
Italian		
Portuguese		
Spanish		
Other		

METROPOLITAN PLANNING PROJECT/INDIVIDUAL SCHOOL PROFILE

1973-74	School District: Natick
School Name:	Natick High
No. & Street:	15 West
City, State, Zip:	Natick, Mass. 01760
Grade Organization:	10-12
Facilities:	
Initial Construction Date:	1954
Dates of Additions or Changes:	1967
# Rooms, Instructional Use:	103
# Rooms, Other Uses:	106
TOTAL	209

1973-74	School District # 198
Federal Programs	School # 505
Title I:	
Type of Program:	0
# of Students:	44
% School Enrollment:	44
Lunch Program:	0
# Students, Free:	2.3
# Students, Reduced Price:	
TOTAL	
% School Enrollment:	
Bilingual Program:	
# Eligible Students:	0
% School Enrollment:	
METCO Interdistrict Program:	
# Students:	25
% School Enrollment:	1.3

STAFF ETHNIC CENSUS: 1973-74													
Professional Staff	Census		Age				Years in Present System			Position			
	#	%	Under 26	26-34	35-55	56 & Over	Under 3	3-9	10 & Over	Administrators	Teachers	Teacher Aides	Other Professionals
TOTAL	139	100.0	11	32	62	22	12	62	53	9	101	2	27
White	133	95.7	10	31	59	21	12	59	50	9	95	2	27
Black	0		0	0	0	0	0	0	0	0	0	0	0
Spanish Surname	3	2.2	0	1	1	1	0	2	1	0	3	0	0
Asian-American	0		0	0	0	0	0	0	0	0	0	0	0
Native-American	0		0	0	0	0	0	0	0	0	0	0	0
Other	0		0	0	1	0	0	0	1	0	1	0	0

School District # 198
School # 505

STUDENT ETHNIC CENSUS: 1973-74					
	Total	White		Non-white	
				Black	Native-American Asian-American Spanish Surname
Number	1948	1909	39	25	6
Percent	100.0	98.0	2.0	1.3	0.3
					0.4

RACIAL CENSUS: 1967-68, 1970-71, 1972-73					
Years	Total Enrollment	White		Non-white	
		#	%	#	%
1967-1968	1603	1571	98.0	32	2.0
1970-1971	1876	1832	97.7	44	2.3
1972-1973	2015	1957	97.1	58	2.9

RACIAL CENSUS: ENROLLMENT CHANGE 1967-1972			
	#	%	% Change in Proportional Distribution
TOTAL	+412	+25.7	
White	+386	+24.6	-0.9
Non-white	+ 26	+81.3	+45.0

FOLLOW UP OF HIGH SCHOOL GRADUATES: 1968, 1972					
Post High School Placement	Class of				
	1968		1972		
	#	%	#	%	
4-yr. State College	26	5.7	72	13.2	
4-yr. Other College	140	30.7	122	22.3	
2-yr. State College	26	5.7	45	8.2	
2-yr. Other College	18	3.9	20	3.7	
Nurses Training	2	0.4	12	2.2	
Other Post Secondary	95	20.8	58	10.6	
Military	22	4.8	17	3.1	
Work	104	22.8	191	34.9	
Other	23	5.0	10	1.8	
TOTAL	456	100.0	547	100.0	

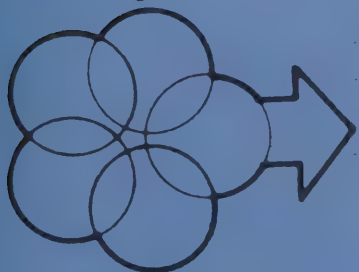
ELIGIBLE TRANSITIONAL BILINGUAL STUDENTS: 1973-74		
Language	Number of Students	Percent of Bilingual Enrollment
TOTAL	0	
Chinese		
French		
Greek		
Italian		
Portuguese		
Spanish		
Other		

METRO WAYS TO UNDERSTANDING

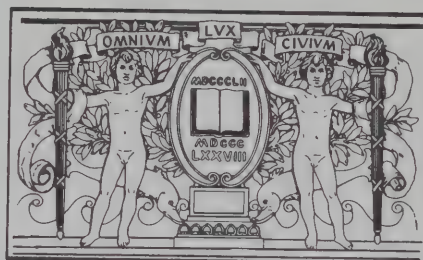
A PLAN FOR THE VOLUNTARY ELIMINATION OF
RACIAL AND ETHNIC ISOLATION IN THE SCHOOLS
OF THE BOSTON METROPOLITAN AREA

VOLUME III COMMUNITY PROFILES

TOWN OF
NEEDHAM



THE METROPOLITAN PLANNING PROJECT



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METRO WAYS TO UNDERSTANDING:

A Plan for the Voluntary Elimination of
Racial and Ethnic Isolation in the Schools of
The Boston Metropolitan Area

VOLUME III THE COMMUNITY PROFILES

Community Profile # 199
Town of Needham

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METROPOLITAN PLANNING PROJECT

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Superintendent of Schools, Framingham

Peter Gesell, for Alflorencia Cheatham,
Superintendent of Schools, Cambridge

Daniel Cheever,
Superintendent of Schools, Lincoln

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Lexington High School

Felix Fernández, Teacher
Brookline High School

Rudolph Fobert,
Superintendent of Schools, Lexington

James Gray,
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Superintendent of Schools, Stoneham

Peter Horoschak, for William Leary,
Superintendent of Boston Schools

Robert Ireland,
Superintendent of Schools, Peabody

Vivian Johnson, Teacher
Newton High School

William Keough,
Superintendent of Schools, Bedford

Lily Choi Koo, Teacher
South Boston High School

William Mahoney,
Superintendent of Schools, Hingham

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Puente Fund, Inc.

Jean McGuire, Executive Director,
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Thomas Michael,
Superintendent of Schools, Burlington

Robert Peebles,
Superintendent of Schools, Marshfield

Lillian Radlo, for Aaron Fink,
Superintendent of Schools, Newton

David Shih,
Chinese Community Counsel

Frederick Stokley,
Superintendent of Schools, Waltham

Robert Wells,
Superintendent of Schools, Reading

Philip Wood,
Superintendent of Schools, Weston

William Zimmerman,
Superintendent of Schools, Wayland

Annette Yuan, Student
Newton High School

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Secretary of Education

Fred Andelman, for the
Mass. Teachers Association

John Doherty, for the Mass.
Federation of Teachers

Dr. Warren Little, for the
Metropolitan Cultural Alliance

1973-74

METROPOLITAN PLANNING PROJECT

ADVISORY COMMITTEE

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Teacher, Lexington High School

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Student, Copley Square High School

John Cawthorne,
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Ellen Gallagher,
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ABSTRACT

The Metropolitan Planning Project is a collaborative effort of 17 school districts supported by an additional 39 approving school districts within the Boston Metropolitan Area. Its mandate is to develop a Ten Year Plan for the phased elimination of racial and ethnic isolation in the area's schools through voluntary school district collaboration. The Project is funded by the U.S. Office of Education under the Emergency School Aid Act of 1972.

METROWAYS TO UNDERSTANDING: A Plan for the Voluntary Elimination of Racial and Ethnic Isolation in the Schools of the Boston Metropolitan Area is a phased Ten Year Plan which is a result of the process that the Metropolitan Planning Project has undergone during this year of planning. The Project has worked to achieve effective community participation in an effort to design quality learning environment programs for students. As a result of a city and suburban exchange of ideas, the Metropolitan Planning Project has helped to promote the development of over 78 proposals in 32 cities and towns for the design of new innovative learning environments. With a \$300,000 allocation for pilot programming, 14 pilot projects were funded to test MPP objectives. The projects included students from pre-kindergarten through high school age. The focus ranged from American history, art, ecology, energy, comparative life styles to Afro-American, Hispanic, Native-American, and Chinese-American cultures.

The Project has also compiled extensive data on the educational, demographic, housing, fiscal, socio-economic, land use and ethnic and racial characteristics of the 78 towns and cities in the greater Boston standard metropolitan statistical area (SMSA). This information was developed as a needs analysis and resource inventory and has been utilized in the development of the recommended educational programs. It provides the basis for program implementation. The Ten Year Plan METROWAYS TO UNDERSTANDING is aimed at promoting voluntary collaboration between urban and suburban school districts and includes the involvement of students, parents, teachers, school principals, superintendents, community organizations and others concerned with education.

During the 1974-75 school year, the Metropolitan Planning Project will pilot some of the policy recommendations developed through this participatory planning process. These recommendations include:

METROPATHWAYS - Quality innovative educational programs which will be accessible to secondary school students of different socio-economic, racial, and ethnic background within the metropolitan area by utilizing mass transit routes.

METROPAIRWAYS - Parents and school personnel from pairs or triads of city and suburban districts will meet to formulate educational programs of equal benefit to the students. Learning centers will be developed in two or three schools and each will serve as a supplement to the educational quality of each individual school.

METROETHNIC HERITAGE RESOURCE CENTERS - These will be coordinated within METROCENTER and will promote the study, compilation, production and distribution of materials and information related to minorities and ethnic groups of the SMSA. It will also be an action program for the development of other resource centers in the metropolitan area.

METROCENTER FOR COMMUNICATIONS, COUNSELLING, AND RESOURCE DEVELOPMENT - This center will coordinate the metropolitan educational programs and serve as an information and resource "bank" for students, parents, community groups and educators throughout the metropolitan area who wish to be involved in urban-suburban educational programs and staff development programs aimed at eliminating racial and ethnic isolation of students.

ACKNOWLEDGEMENT

I wish to thank Dr. Forbes Bottomly for his encouragement and support of this research approach; Edward Feinman and Leslie S. May who, together with the Support Research Staff and myself, developed the analyses in Volume II RESOURCES FOR IMPLEMENTATION and Volume III COMMUNITY PROFILES. Our grateful appreciation to Mrs. Helen Taggart who formatted and typed the research materials.

Marcia Marker Feld,
Executive Director

Executive Director: September 1973 - June 1974

Dr Forbes Bottomly

Support Research Staff: September 1973 - June 1974

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INTRODUCTION TO THE NOTES AND SOURCES FOR THE COMMUNITY PROFILES

The Community Profiles were developed for the 78 municipalities that comprise the study area of the Metropolitan Planning Project (MPP). The study area is defined as the 1963 Boston standard metropolitan statistical area (SMSA) boundaries. The Profiles were prepared to meet the mandate of Objective B of the Support Research component of the MPP proposal. This mandate is:

To develop profiles and analysis of social, ethnic, economic, and educational characteristics of the metropolitan area and of its individual communities.

The purpose of these profiles are to serve as the data base for the Ten Year Plan and to develop information for the implementation of educational programs through the analyses of the interaction between the education system and related urban functional systems.

A Community Profile was developed for each of the following cities and towns:

Arlington	Lexington	Randolph
Ashland	Lincoln	Reading
	Lynn	Revere
Bedford	Lynnfield	Rockland
Belmont		
Beverly	Malden	Salem
Boston	Manchester	Saugus
Braintree	Marblehead	Scituate
Brookline	Marshfield	Sharon
Burlington		Sherborn
	Medfield	Somerville
Cambridge	Medford	Stoneham
Canton	Melrose	Sudbury
Chelsea	Middleton	Swampscott
Cohasset	Millis	
Concord	Milton	Topsfield
Danvers	Nahant	Wakefield
Dedham	Natick	Walpole
Dover	Needham	Waltham
Duxbury	Newton	Watertown
	Norfolk	Wayland
Everett	North Reading	Wellesley
	Norwell	Wenham
Framingham	Norwood	Weston
		Westwood
Hamilton	Peabody	Weymouth
Hanover	Pembroke	Wilmington
Hingham		Winchester
Holbrook	Quincy	Winthrop
Hull		Woburn

There are also Profiles for each of the following regional school districts:

Dover-Sherborn
Experimental School System of the Commonwealth of Massachusetts
Hamilton-Wenham
Lincoln-Sudbury
North Shore Regional Vocational

The information in the Community Profiles assess the needs and resources of each community. It is helpful in planning for the future of each school system as well as in the development of educational curricula and programs. These will utilize school and community based resources for metropolitan educational programs for the elimination of racial and ethnic student isolation in the school districts of the SMSA. More detailed analyses of each of these communities, including a series of tables comparing these school districts and an "Analyses of Grouped Communities", are found in earlier Volumes.

These notes were prepared so that persons interested in obtaining further detailed information or in updating present data can easily do so. The source of the information and where it is located is given for each table. Non-classified government information is available by public law to all persons. This includes individual public school records as well as municipal, county, state, and federal data.

There are two sections of the Community Profiles. The first section, Community Profiles, displays educational and educational-related information about the community. The second section, Individual School Profiles, displays educational information about each individual school in the district. The page number at the beginning of a table corresponds to the page number of the Community Profile. Each Individual School Profile is 2 pages and notes for the tables are consistent with this format.

NOTES AND SOURCES FOR THE COMMUNITY PROFILES

EDUCATIONAL CHARACTERISTICS

PAGE 1 - NUMBER OF SCHOOLS AND ENROLLMENT

By Type of School: 1973-74

The information on the total number of schools in a school district, as well as the number of Elementary, Junior High, High Schools, Special and Ungraded, Regional, and Vocational Schools in a district, were obtained from the Massachusetts State Department of Education, Bureau of Educational Information Services, Massachusetts School Directory 1973-74. This publication lists the name, address, and grade organization of each school in the Commonwealth. It notes which schools are Special, Ungraded, Regional, or Vocational. Elementary Schools are those schools composed of one or all the grades K through 5 or grades K through 6. Junior High Schools are those schools composed of one or all the grades 6 through 8; schools with grades 5-6, 5-7, 5-8, and 7-9 are counted as Junior High Schools. High Schools are those schools composed of one or all of the grades 9 through 12.

The "Total", "White", and "Non-white" enrollments for each type of school were obtained from a survey conducted by the Massachusetts State Department of Education, Division of Research, Planning, and Evaluation, Enrollment by Classification, Exhibit II, 1973-74. The enrollments for all Elementary Schools, Junior High Schools, High Schools, Special and Ungraded Schools, Regional Schools, and Vocational Schools in a school district which is recorded in this table were totalled by the Metropolitan Planning Project (MPP) support research staff.

PAGE 1 - SCHOOL ATTENDING CHILDREN IN PUBLIC and Non-public Schools

This information was obtained from the Commonwealth of Massachusetts, Annual Report of the State Department of Education for the Year Ending June 30, 1968; Annual Report ... June 30, 1971; and Annual Report ... June 30, 1973. The percentage of "Public" and "Non-public" school attending children were calculated by the MPP support research staff.

PAGE 1 - EDUCATIONAL COLLABORATIVE PARTICIPATION 1973-74

The educational collaboratives listed in this table were found in the following sources:

The Massachusetts State Department of Education, Bureau of Educational Information Services, Massachusetts School Directory, 1973-74; Institute for Educational Services, Inc., "Survey on Collaboration", 1971; Metropolitan Planning Project Support Research Component Telephone Survey, 1974; Massachusetts State Department of Education, Division of Curriculum and Instruction, Kaleidescope 7, 1973,

Other educational collaboratives in the Boston metropolitan area were not available from these sources.

PAGE 1 - 1970 CENSUS: SCHOOL ENROLLMENT FOR
Level and Type of School by Race
(Population 3 - 34 years)

This information was obtained from the United States Department of Commerce, Bureau of the Census, 1970 Census of Population and Housing. U.S. Census information is available in published monographs, which are available at libraries and governmental agencies, and on computer tapes. The data on computer tape is organized into sequences and each sequence is referred to as a "count". Within each "count", the data is subdivided into tables, and each table has been given a number and title. The information in this table was obtained from the 4th Count Population Summary Tapes for Massachusetts, Table 38, "Population 3 Years Old and Over Enrolled in School by Level and Type of School." This information was based on a 15 percent sample survey. The percentages may not add up to 100 percent because of rounding. An N.A. indicates that this information was not available for the school district. The "Spanish-American" category includes people who are both "White" and "Black" according to the Census definition so that the total of the "White", "Black" and "Spanish-American" columns will never equal the "Total" population column.

PAGE 1 - FEDERALLY-FUNDED PROGRAMS: 1973-74

The information on Title I students in each school district was obtained from the Massachusetts State Department of Education, Division of Curriculum and Instruction, Bureau of Curriculum Services, Title I ESEA, "Unpublished Title I Program Documents, 1973-74". The Title III information was obtained from the Massachusetts State Department of Education, Division of Curriculum and Instruction, Bureau of Curriculum Services, Title III ESEA, Kaleidescope 7, 1973 and the Metropolitan Planning Project support research staff telephone survey of Title III Program Directors, July-August, 1974. The percent total enrollment was calculated by dividing the number of students in Title I and III programs by the total number of students in the district during the 1973-74 school year. The total number of students was obtained from the Massachusetts

State Department of Education, Division of Research, Planning, and Evaluation, Enrollment by Classification, Exhibit II, 1973-74. This is the same total that appears in the "Student Ethnic Census: 1973-74" table on page 2.

The Title I and Title III programs are funded by the U.S. Office of Education and were enacted by the U.S. Congress as part of the 1965 Elementary and Secondary Education Act (ESEA). The Title I program provides assistance for "educationally deprived and neglected and delinquent children." The Title III program "supports proposals to advance creativity in education."

PAGE 2 - RACIAL CENSUS: 1967-68; 1970-71; 1972-73

The information on the "Total", "White", and "Non-white" enrollments for these three school years was obtained from the Massachusetts State Department of Education, Division of Research, Planning, and Evaluation, Racial Census, October, 1967; Racial Census, October, 1970; and Racial Census, October, 1972. The Racial Census does not indicate which students were considered "White" and which were considered "Non-white".

PAGE 2 - RACIAL CENSUS: ENROLLMENT CHANGE 1967-1972

These figures were calculated from the previous table by the MPP support research staff. The figures under the number sign (#) column were calculated by subtracting from the "Total", "White" or "Non-white" enrollment for the 1972-73 school year the "Total", "White" or "Non-white" enrollment for the 1967-68 school year. For example, if the 1972-73 total enrollment was 100 students and the 1967-68 enrollment was 50 students, the enrollment change would be +50(100-50) and this figure would appear in the appropriate box. The figures under the percent (%) column were derived by dividing the difference between the 1972-73 and 1967-68 enrollment by the 1967-68 enrollment. If the difference, for example, between the 1972-73 and 1967-68 enrollments was +50 and the 1967-68 enrollment was 50, the percent change would be +100 (+50/50). The figures under the "% Change in Proportional Distribution" column were calculated as follows:

The "% White" (or "% Non-white") for 1972-73 was subtracted from the "% White" (or "% Non-white") for 1967-68.

This difference was divided by the "% White"(or "% Non-white") for 1967-68 and this is the figure that was recorded. For example, if the "% White" in 1967-68 was 75% and the "% White" in 1972-73 was 50%, the "% Change in Proportional Distribution" would be calculated as follows:
$$(50-75)/75 = (-25)/75 = -0.33.$$

Since the percent "Total Enrollment" is always 100%, no "% Change in Proportional Distribution" was calculated or recorded for "Total Enrollment". If there is a percent change from 0 to any number the "% Change in Proportional Distribution" is mathematically undefined. This is noted by the word "Undefined".

PAGE 2 - STUDENT ETHNIC CENSUS: 1973-74

This information was obtained from the Massachusetts State Department of Education, Division of Research, Planning, and Evaluation, Enrollment by Classification, Exhibit II, 1973-74. The figures in the "White" column include white students and students of racial backgrounds other than "Black", "Native-American", "Asian-American", and "Spanish Surname". "Spanish Surname" students were placed in the "Non-white" category.

PAGE 2 - FOLLOW-UP OF HIGH SCHOOL GRADUATES: 1968; 1972

The information on the post high school placement of 1968 graduates was obtained from the Massachusetts State Department of Education, Division of Research, Planning, and Evaluation, Distribution of Graduating Class, 1969. The number of students in each of the various placement categories may not equal the total number of high school graduates because information on all placements was not available. Some of the school districts are members of regional high schools so that information on their high school students would be included in the regional high school data. There is, therefore, no information recorded for the following school districts (the name of the regional high school their students attend is in parentheses):

- Concord (Concord-Carlisle Regional High School)
- Dover (Dover-Sherborn Regional High School)
- Hamilton (Hamilton-Wenham Regional High School)
- Lincoln (Lincoln-Sudbury Regional High School)
- Middleton (Masconomet Regional High School)
- Nahant (all Nahant high school students attend high schools in Lynn)
- Norfolk (King Philip Regional High School)
- Sherborn (Dover-Sherborn Regional High School)
- Sudbury (Lincoln-Sudbury Regional High School)
- Topsfield (Masconomet Regional High School)
- Wenham (Hamilton-Wenham Regional High School)

If there was no information available on high school graduates in a particular district, this is noted by an N.A. in the first column (under the # sign). The information on the 1972 graduates was obtained from the Massachusetts State Department of Education, Division of Research, Planning, and Evaluation, Distribution of High School Graduates, Class of 1972, Fall 1973. The districts which sent their high school students to regional schools in 1968 remained the same and, therefore, no information on 1972 high school graduates for these districts is recorded. In addition to these districts, there will be no information for Pembroke since their high school students now attend Silver Lake Regional High School. The percentages in the 1972 column may not add up to 100% because of rounding.

PAGE 2 - ELIGIBLE TRANSITIONAL BILINGUAL STUDENTS: 1973-74

The number of students eligible for a transitional bilingual program was obtained from the Massachusetts State Department of Education, Bureau of Transitional Bilingual Education, Census of Children of Limited English Speaking Ability on October 1, 1973, under Chapter 71A, Act of 1971. This Census of all public school students is conducted each year in order to determine how many students are of limited English speaking ability as defined in Chapter 71A and, thus, eligible for transitional bilingual classes. The "Percent of Bilingual Enrollment" was calculated by the MPP support research staff by dividing the number of students in each language category, such as "Chinese" or "French" by the "Total" number of eligible bilingual students.

PAGE 3 - PUBLIC SCHOOL STUDENT ENROLLMENTS: 1964 - 1982

Past Enrollments: 1964 - 1972

Projected Enrollments: 1973 - 1982

This information was prepared for the Metropolitan Planning Project by the Organization for Social and Technical Innovation, Inc. (OSTI).

These enrollment projections are based on time-series enrollment data from 1964 through 1972, obtained from the Massachusetts State Department of Education, Division of Research, Planning and Evaluation. The source of the historical enrollment data for the forecast categories "Total K-12", "Total K-6", "Total 7-12", "White K-12" and "Non-white K-12" was the superintendent's report entitled Census Report.

The numbers in parentheses under each forecast category represents the R^2 (coefficient of determination) for that particular projected enrollment series. It is presented to indicate a rough sense of the reliability of each forecast -- R^2 's of .8 or .9 are very reliable, R^2 's of .5, .6, or .7 are good, and R^2 's of .4 or less are unreliable. When the projections for subcategories (for example, "White K-12" and "Non-white K-12" are subcategories of "Total K-12") are totaled, they do not necessarily equal the projected enrollment figures for the total category. This is because each forecast category was projected independently from the others and the projections selected are not necessarily each derived from the same mathematical equation, since the best projection was selected for each forecast category largely independent of the projections selected for other forecast categories.

School districts with no projections presented or particular forecast categories left blank means the projection here was entirely unsuccessful, sometimes for mathematical reasons, sometimes because of missing years of historical data, and sometimes because of almost certain incorrect historical enrollment data.

PAGE 4 - NUMBER OF TEACHERS BY RACE: 1972-73

This information was obtained from the U.S. Department of Health, Education, and Welfare, Office for Civil Rights, Directory of Public Elementary and Secondary

Schools in Selected Districts, Enrollment and Staff by Racial/Ethnic Group, Fall, 1974. Since this information was collected from selected school districts, data was only available for 68 of the 83 Boston metropolitan area districts. MPP support research staff contacted the remaining districts to complete the survey. The following school districts provided this information:

Cohasset
Dover
Dover-Sherborn Regional High School
Experimental School System of the Commonwealth of Massachusetts
Hamilton-Wenham Regional High School
Holbrook
Manchester
Nahant
Topsfield
Wenham

An N.A. indicates that this information was not available for the school district. Spanish Surname teachers were placed in the "Non-white" category.

PAGE 4 - NUMBER OF TEACHERS, TEACHER-AIDES, AND OTHER PROFESSIONAL STAFF: 1973-74

This information was obtained from the U.S. Equal Employment Opportunity Commission, Elementary-Secondary Staff Information (EEO-5), October 1, 1973. Since this information was collected on a selected school district basis, the MPP support research staff surveyed the remaining districts to obtain this information. The following school districts provided this information:

Ashland
Beverly
Braintree
Cohasset
Experimental School System of the Commonwealth of Massachusetts
Framingham
Hamilton-Wenham Regional High School
Manchester
Medfield
Medford
Middleton
Millis
Nahant
Norfolk
Pembroke
Saugus
Sherborn
Sudbury
Topsfield
Walpole

The "Other Professional Staff" category include the following staff positions: Officials, Administrators, Managers, Principals, Assistant Principals, Guidance Personnel, Psychologists, Librarians, Supervisors of Instruction, and all other professional staff. An N.A. indicates that this information was not available for the school district.

PAGE 5 - SELECTED FINANCIAL CHARACTERISTICS

The information on "% Municipal Tax Dollar Spent on Education" was obtained from the Commonwealth of Massachusetts, Annual Report of the Department of Education for the Year Ending June 30, 1968; Annual Report ... June 30, 1971; Annual Report ... June 30, 1973.

The "% Municipal Tax Dollar Spent on Education" was calculated by the MPP support research staff by dividing the school tax rate by the general tax rate. For example, if the school tax rate in a town was \$24 and the total tax rate was \$48, the "% Municipal Tax Dollar Spent on Education" would be 50% (24/48).

The information on "Comprehensive Per Pupil Expenditure" was obtained from the Massachusetts State Department of Education, Division of Research, Planning, and Evaluation, Per Pupil Expenditures 1967-68; Per Pupil ... 1970-71; Per Pupil ... 1972-73. This per pupil expenditure is the integrated per pupil cost for the Regular Day, Vocational Day, and Special Education Programs and pro-rated Regional School Expenditures divided by the average membership of students in those programs.

The information on "Public School Attending Children Transported at Public Expense" was obtained from the Commonwealth of Massachusetts, Annual Report of the Department of Education for the Year Ending June 30, 1968; Annual Report ... June 30, 1971; Annual Report ... June 30, 1973. Discrepancies may appear in this table because the data received was unaudited.

The information on "Computative Equalized Property Valuation per School Attending Child" was obtained from the Massachusetts State Department of Education, Division of Research, Planning, and Evaluation, School Aid to Massachusetts Cities and Towns, (Chapter 70 Amended), 1967-68; School Aid ... 1970-71; School Aid ... 1972-73. Computative equalized property valuation for any one year is equal to the equalized property valuation the previous calendar year divided by the number of school attending children for that school year. For example, the computative equalized valuation for 1967-68 is derived by dividing the equalized property valuation for 1966 by the number of school attending children for 1967-68.

PAGE 5 - TAX RATE

This information was obtained from the Massachusetts Teachers Association, Background Data for Massachusetts School Districts 1973, Research Bulletin 734-9, 1973. The official tax rate is equal to a city or town's budget needs divided by the assessed value (tax rate=budget needs/assessed value). The equalized

tax rate is equal to the town's budget needs divided by the true market value of property in a city or town, as determined by the Massachusetts Department of Corporations and Taxation (equalized tax rate=budget needs/full market value). The tax rate indicates the number of dollars per \$1,000 of assessed valuation a person or corporation would be taxed on property owned.

PAGE 5 - SCHOOL TAX RATE

This information was obtained from the Massachusetts Teachers Association, Background Data for Massachusetts School Districts 1973, Research Bulletin 734-9, 1973. The official school tax rate is equal to a city or town's school budget needs divided by the assessed value (school tax rate=school budget needs/assessed value). The equalized school tax rate is equal to the town's school budget needs divided by the true market value of property in a city or town, as determined by the Massachusetts Department of Corporations and Taxation (equalized school tax rate=school budget needs/full market value). The school tax rate indicates the number of dollars per \$1,000 of assessed valuation a person or corporation would be taxed on property owned.

PAGE 5 - 1973 MOODY'S BOND RATING

This information was obtained from Moody's Investor Service, Moody's Bond Record, December 1973. The bonds were rated by Moody's Investor Service in the following order, with the first rating assigned to the bonds judged to be of highest quality and the last rating assigned to bonds judged to be of lowest quality:

Aaa	Baa	Caa
Aa	Ba	Ca
A	B	C

The bonds in the A and Baa groups which Moody's determined had the strongest investment attributes were designated by the symbols A-1 and Baa-1.

PAGE 5 - PUBLIC SCHOOL STUDENTS
Receiving Subsidized Lunches: 1973-74

This information was obtained from the Massachusetts State Department of Education, Bureau of Nutrition Education and School Food Services Education, "Average Number of Lunches Served to Needy". The figures in this table was calculated by taking the number of needy students served lunches in a school during the month of January, 1974 and dividing this number of the number of days schools were opened that month. The average number of lunches served per day in each school were totalled by the MPP support research staff to develop the school district totals.

The "% of Total Enrollment" was calculated by dividing the number of lunch program students by the 1973-74 total school district enrollments obtained from the Massachusetts State Department of Education, Division of Research, Planning and Evaluation, Enrollment by Classification, Exhibit II, 1973-74.

PAGE 5 - STUDENTS ENROLLED IN METCO

The information on the number of METCO (Metropolitan Council for Educational Opportunities, Inc.) students during the 1967-68 school year was obtained from the Massachusetts State Department of Education, Bureau of Equal Educational Opportunity, "Recommendations for Funding of Plans Submitted Under Chapter 506 of the Acts of 1966," 1968. The 1970-71 information was obtained from the Massachusetts State Department of Education, Bureau of Equal Educational Opportunity, "Fiscal Report, METCO 1970-71 Program". The 1972-73 information was obtained from the Massachusetts State Department of Education, Bureau of Equal Educational Opportunity, "Memorandum to Rae Cecilia Kipp [Chairman, State Board of Education] from Charles L. Glenn and Cecilia M. DiBella, August 22, 1972. Subject: METCO Program for 1972-73." The information for the 1973-74 school year was obtained from the METCO files "Unpublished Student Enrollment Records", August, 1974. This information was obtained on a school by school basis; the schools figures were totalled by the MPP support research staff to develop the school district totals.

The "% of Total Enrollment" for the 1967-68; 1970-71; and 1972-73 school years were calculated by dividing the number of METCO students by the total number of students for that particular year. The total number of students for those school years were obtained from the Massachusetts State Department of Education, Division of Research, Planning, and Evaluation, Racial Census, October, 1967; Racial ... 1970; Racial ... 1973. The "% of Total Enrollment" for the 1973-74 school year was calculated by dividing the "# METCO Students" by the 1973-74 district enrollments obtained from the Massachusetts Department of Education, Division of Research, Planning and Evaluation, Enrollment by Classification, Exhibit II, 1973-74. METCO is a state funded interdistrict transfer program which transports children from Boston to suburban school districts.

PAGE 6 - PERCENT DISTRIBUTION OF SCHOOL REVENUES: 1967-68; 1970-71; 1972-73

This information was obtained from the Commonwealth of Massachusetts, Annual Report of the Department of Education for the Year Ending June 30, 1968; Annual Report ... June 30, 1971; Annual Report ... June 30, 1973. The percentages were calculated by the MPP support research staff. The percentages may not add up to 100 percent because of rounding.

PAGE 6 - ABSOLUTE DOLLAR AND PERCENT CHANGES IN REVENUES: 1967-72

These figures were calculated from the previous table. The dollar (\$) "Changes in Public School Funds Provided 1967-72" were calculated by subtracting the 1972-73 dollar amounts for "Total Funds Provided", "Local Sources", and remaining categories from the 1967-68 dollar amounts. For example, if the total public school funds provided in 1972-73 were \$100,000 and the funds provided in 1967-68 were \$50,000, the absolute dollar change in revenues would be \$50,000 (\$100,000-\$50,000). The percent changes in revenues was calculated by dividing the difference

between the 1972-73 and 1967-68 funds provided by the 1967-68 amount. For example, if the 1972-73 total funds provided were \$100,000 and the 1967-68 funds provided were \$50,000, the percent "Change in Funds Provided" would be equal to $(\$100,000 - \$50,000) / \$50,000 = \$50,000 / \$50,000 = +100\%$. If there were no funds provided during 1967-68 for any of the categories, the percent change in revenues is mathematically undefined. This is noted by the word Undefined.

PAGE 6 - PERCENT CHANGE IN PROPORTIONAL DISTRIBUTION OF REVENUES: 1967-72

These figures were calculated from the first table on page 6. The "Percent Change in Proportional Distribution of Revenues" was derived as follows:

The percent of revenues from "Local Sources", "Commonwealth Sources", and remaining categories for the 1967-68 school year was subtracted from the 1972-73 school year figures then this difference was divided by the percent "Local Sources", "Commonwealth Sources", and remaining categories for the 1967-68 school year.

For example, if the percent of revenues from local sources in 1967-68 were 50% and the percent of revenues from local sources in 1972-73 were 75%, the "Percent Change in Proportional Distribution of Revenues: 1967-72" would equal $(75-50)/50 = 25/50 = +50\%$. If there is a percent change from 0 to any number, the "Percent Change in Proportional Distribution" is mathematically undefined. This is noted by the word Undefined.

PAGE 7 - PERCENT DISTRIBUTION OF SCHOOL EXPENDITURES: 1967-68; 1970-71; 1972-73

This information was obtained from the Commonwealth of Massachusetts, Annual Report of the Department of Education for the Year Ending June 30, 1968; Annual Report ... June 30, 1971; Annual Report ... June 30, 1973. The percentages were calculated by the MPP support research staff. The percentages may not add up to 100 percent because of rounding.

PAGE 7 - ABSOLUTE DOLLAR AND PERCENT CHANGES IN EXPENDITURES: 1967-72

These figures were calculated from the previous table. The dollar (\$) "Changes in Public School Funds Expended 1967-72" were calculated by subtracting the 1972-73 dollar amounts for "Total Public School Funds Applied", "Administration", and remaining categories from the 1967-68 dollar amounts. For example, if the "Total Public School Funds Applied" in 1972-73 were \$100,000 and the funds applied in 1967-68 were \$50,000, the absolute dollar change in expenditures would be \$50,000 $(\$100,000 - \$50,000)$. The percent changes in expenditures was calculated by dividing the difference between the 1972-73 and 1967-68 funds expended by the 1967-68 amount. For example, if the 1972-73 total funds expended were \$100,000 and the 1967-68 funds expended were \$50,000, the percent "Changes in Public School Funds Expended" would be equal to $(\$100,000 - \$50,000) / \$50,000 = \$50,000 / \$50,000 = +100\%$. If there were no funds provided during 1967-68 for any of the categories, the percent change in expenditures is mathematically undefined. This is noted by the word Undefined.

PAGE 7 - PERCENT CHANGE IN PROPORTIONAL DISTRIBUTION OF EXPENDITURES: 1967-72

These figures were calculated from the first table on page 7. The "Percent Change in Proportional Distribution of Expenditures" was derived as follows:

The percent of expenditures from "Administration", "Instruction", and remaining categories for the 1967-68 school year was subtracted from the 1972-73 school year figures. Then this difference was divided by the percent "Administration", "Instruction", and remaining categories for the 1967-68 school year.

For example, if the percent of expenditures for "Administration" in 1967-68 were 50% and the percent of expenditures for "Administration" in 1972-73 were 75%, the "Percent Change in Proportional Distribution of Expenditures: 1967-72" would equal $(75-50)/50 = 25/50 = +50\%$. If there is a percent change from 0 to any number, the "Percent Change in Proportional Distribution of Expenditures" is mathematically undefined. This is noted by the word Undefined.

PAGE 8 - 1970 CENSUS: COUNT OF PERSONS 25 YEARS OF AGE AND OVER BY RACE AND YEARS OF SCHOOL COMPLETED.

This information was obtained from the U.S. Department of Commerce, Bureau of the Census, 1970 Census of Population and Housing, Fourth Count Population Summary Tapes for Massachusetts, Table 42, "Population 25 Years Old and Over by Years of School Completed and Sex". This information was based on a 20% sample survey. The "Spanish-American" category includes people who are both "White" and "Black" according to the Census definition so that the total of the "White", "Black" and "Spanish-American" columns will never equal the "Total Population" column. The "White" and "Black" figures may not equal the "Total Population" column because they do not include people of other racial backgrounds such as Asian-American and Native-American.

PAGE 8 - MEDIAN SCHOOL YEARS COMPLETED

This information was calculated from the previous table, "1970 Census: Count of Persons 25 Years of Age and Over by Years of School Completed". This calculation was performed by the Massachusetts Institute of Technology (M.I.T.) Information Processing Center.

DEMOGRAPHIC CHARACTERISTICS

PAGE 9 - CENSUS POPULATION BY RACE AND SPANISH LANGUAGE: 1960; 1970

The information on the 1960 population was obtained from the U.S. Department of Commerce, Bureau of the Census, 1960 Census of Population, Volume I, Characteristics of the Population, Part 23, Massachusetts, Tables 21, 25. This monograph

is available at libraries and governmental agencies. The "Asian-American" category includes only Chinese, Japanese, and Filipino. The percentages may not add up to 100 percent because of rounding.

The 1970 population figures were obtained from the U.S. Department of Commerce, Bureau of the Census, 1970 Census of Population, General Social and Economic Characteristics, Massachusetts, PC (1) - C23, Tables 81, 102 and 1970 Census of Population, General Population Characteristics, Massachusetts, PC (1) - B23, Tables 23, 27, 31. The "Asian-American" category includes only Chinese, Japanese and Filipino. The "Other" category includes Hawaiians, Koreans, Aleuts, Eskimos, Malaysians, and Polynesians. The "Spanish Language" data was obtained from the 1970 U.S. Census "Persons of Spanish Language" category. Persons of "Spanish Language" were not considered a distinct racial group by the U.S. Bureau of the Census and were, therefore, not distributed in the "White" or "Non-white" categories. An N.A. indicates that this information was not available for the school district. The percentages may not add up to 100 percent because of rounding.

The "1960-1970 Increase (+) Decrease (-)" figures were calculated by the MPP support research staff from the data in the first two rows of this table. The increase or decrease in the number (#) columns were derived by subtracting the 1970 population figures from the 1960 figures.

The increase or decrease in the percent (%) column were calculated by dividing the difference between the 1970 and 1960 population figures by the 1960 figures.

The "% Change in Proportional Distribution" was calculated as follows:
The "% White", "% Non-white" and percentages for the other columns for 1970 were subtracted from the 1960 percentages. This difference was divided by the 1960 percentages and this is the figure that was recorded.

PAGE 9 - CENSUS POPULATION INCREASE OR DECREASE: 1960-1970

This information was obtained from the Massachusetts Department of Commerce and Development, Massachusetts Population 1970-1965-1960 and Population Movements in Massachusetts 1960-1970.

PAGE 9 - CENSUS: FERTILITY RATIO BY RACE

This information was obtained from the U.S. Department of Commerce, Bureau of the Census, 1970 Census of Population and Housing, Fourth Count Population Summary Tapes for Massachusetts, Table 44, "Females 15-44 Years Old by Marital Status, Number of Children and Age". This ratio tells how many children, on the average, a woman between the ages of 15 and 44 had in 1970. For example, a fertility ratio of 1.35:1 indicates that for that city or town (and for that racial grouping) the average number of children a woman between 15 and 44 would have would be 1.35. An N.A. indicates that this information was not available for the school district.

PAGE 10 - 1970 CENSUS:
Household Population by Race

The information on "Total Population" was obtained from the U.S. Department of Commerce, Bureau of the Census, 1970 Census of Population and Housing, Second Count Summary Tapes for Massachusetts, Table 1, "Race and Sex". The information on "Population in Households" was obtained from the U.S. Department of Commerce, Bureau of the Census, 1970 Census of Population and Housing, Second Count Summary Tapes for Massachusetts, Table 3, "Household Population by Age, Race and Sex". An N.A. indicates that this information was not available for the school district. The U.S. Bureau of the Census defines people who live in households as those people who occupy a group of rooms or a single room which constitutes a housing unit. All living arrangements other than households are classified as group quarters. Persons living in group quarters include, for example, those who are inmates of institutions and those living in rooming and boarding houses, communes or military barracks.

PAGE 10 - 1970 CENSUS:
Number of Families by Sex of Family Head

The information on the number of families headed by females was obtained from the U.S. Department of Commerce, Bureau of the Census, 1970 Census of Population and Housing, Fourth Count Population Summary Tapes for Massachusetts, Table 75 "Family Income". The number of families headed by males was calculated by the MPP support research staff by subtracting the number of female headed families from the total number of families. This information was based on a 20 percent sample survey. The U.S. Bureau of the Census defines a family as a household head and one or more other persons living in the same household who are related to the head by blood, marriage, or adoption. The "White" and "Black" figures may not equal the "Total Population" because they do not include people of other racial backgrounds such as Asian-American and Native-American.

PAGE 10 - 1970 CENSUS: AGE DISTRIBUTION BY RACE

This information was obtained from the U.S. Department of Commerce, Bureau of the Census, 1970 Census of Population and Housing, Second Count Summary Tapes for Massachusetts, Table 2, "Single Years of Age, Race, and Sex". The percentages were calculated by the MPP support research staff. The percentages may not add up to 100 percent because of rounding. An N.A. indicates that this information was not available for the school district.

PAGE 11 - 1970 CENSUS: NATIVITY AND PARENTAGE

This information was obtained from the U.S. Department of Commerce, Bureau of the Census, 1970 Census of Population and Housing, Fourth Count Population Summary Tapes for Massachusetts, Table 21, "Nativity and Parentage". This information was based on a 15 percent sample survey. A "Native of Native Parent"

is a person born in the United States, the Commonwealth of Puerto Rico or an outlying area of the United States whose parents were also born in the United States. "Foreign Stock" includes U.S. citizens who were foreign born as well as those people who were born in the U.S. but had one or more foreign born parents ("Foreign or Mixed Parentage"). The "Spanish-American" category includes people who are both "White" and "Black" according to the Census definition so that the total of the "White", "Black" and "Spanish-American" columns will never equal the "Total Population" column.

PAGE 11 - 1970 CENSUS: MOST FREQUENT COUNTRY
of Origin of Foreign Stock

This information was obtained from the U.S. Department of Commerce, Bureau of the Census, 1970 Census of Population and Housing, Fourth Count Population Summary Tapes for Massachusetts, Table 22, "Country of Origin and Nativity". This information was based on a 15 percent sample survey. This table indicates the country of origin of the foreign stock population (foreign born and native of foreign or mixed parentage) in a city or town, with the information presented separately for foreign born and native of mixed parentage. These figures were totalled by the MPP support research staff to arrive at the number of persons recorded for each of the countries listed in this table. The countries listed are those which have the largest number of former citizens presently U.S. citizens residing in this community. The percent foreign stock population was calculated by dividing the number of foreign stock citizens from a particular country by the total number of foreign stock residents in that city or town. The total number of foreign stock residents was obtained from the previous table, "1970 Census: Nativity and Parentage".

PAGE 11 - 1970 CENSUS: SPANISH POPULATION INDICATORS

This information was obtained from the U.S. Department of Commerce, Bureau of the Census, 1970 Census of Population and Housing, Fourth Count Population Summary Tapes for Massachusetts, Table 24, "Spanish Indicators". The information on persons of "Spanish Origin or Descent" was derived from the question of whether a person's origin or descent was Mexican, Puerto Rican, Cuban, Central or South American, or other Spanish. The information on persons of "Puerto Rican Birth or Parentage" includes persons born in Puerto Rico and persons born in the United States or an outlying area with one or more parents born in Puerto Rico. Persons of "Spanish Language" comprise persons of Spanish mother tongue and all other persons in families in which the head or wife reported Spanish as his or her mother tongue. Since a person of "Spanish Origin or Descent" may appear in two or more of these Spanish population indicators, these figures were not totalled to arrive at a total number of Spanish population residents in a city or town.

PAGE 11 - 1970 CENSUS: MOST FREQUENT MOTHER TONGUES
Other Than English

This information was obtained from the U.S. Department of Commerce, Bureau of the Census, 1970 Census of Population and Housing, Fourth Count Population Summary Tapes for Massachusetts, Table 23, "Mother Tongue and Nativity". This information was based on a 15 percent sample survey of which language was spoken in a person's home when he or she was a child. Since English is the most frequent mother tongue, information is only displayed for mother tongues other than English. This information is presented separately for foreign born and natives and these figures were totalled by the MPP support research staff to arrive at the figures presented in this table.

ECONOMIC CHARACTERISTICS

PAGE 12 - 1970 CENSUS: NUMBER OF EMPLOYED PERSONS 16 YEARS OLD AND OVER
BY OCCUPATION

This information was obtained from the U.S. Department of Commerce, Bureau of the Census, 1970 Census of Population and Housing, Fourth Count Population Summary Tapes for Massachusetts, Table 58, "Employed Population 16 Years Old and Over by Occupation". This information was based on a 20 percent sample survey. Each of the occupation categories shown on this table such as "Professional, Technical, and Kindred Workers" have been broken down into subcategories and the same information in this table is available for each of these subcategories. An N.A. indicates that this information was not available for the school district. The percentages may not add up to 100 percent because of rounding. The "White" and "Black" figures may not equal the "Total Persons Employed" because they do not include people of other racial backgrounds such as Asian-American and Native-American. The "Spanish-American" category includes people who are both "White" and "Black" according to the Census definition so that the total of the "White", "Black" and "Spanish-American" columns will never equal the "Total Persons Employed" column.

PAGE 13 - MEDIAN INCOME: 1960 CENSUS; 1970 CENSUS

The information on 1960 Median Income was obtained from the U.S. Department of Commerce, Bureau of the Census, 1960 Census of Population, Volume I, Characteristics of the Population, Part 23 Massachusetts, Tables 33, 34, 76.

The information on the 1970 Median Income was obtained from the U.S. Department of Commerce, Bureau of the Census, 1970 Census of Population and Housing, Fourth Count Population Summary Tapes for Massachusetts, Table 75, "Family Income", and Table 76, "Income of Unrelated Individuals". This information was based on a 20 percent sample survey.

Information on families includes all those people living in the same household who are related to the head by blood, marriage, or adoption. Information on unrelated individuals includes all members of a household who are not related to anyone else in the household or a person living in group quarters who is not an inmate of an institution. An N.A. indicates that this information was not available for the school district.

PAGE 13 1970 CENSUS: EMPLOYMENT STATUS BY RACE
of Persons 16 Years of Age and Over in Labor Force

This information was obtained from the U.S. Department of Commerce, Bureau of the Census, 1970 Census of Population and Housing, Fourth Count Population Summary Tapes for Massachusetts, Table 54, "Population 16 Years Old and Over by Labor Force Status, Selected Characteristics, and Sex". This information was based on a 20 percent sample survey. The employment or labor force status of persons over 16 is recorded by the U.S. Bureau of the Census in three categories: "In Labor Force", "In Armed Forces", and "Not in Labor Force". The information in this table covers only those people in the labor force, and this category is broken down into those who are "Employed" and those who are "Unemployed". Since the number and percent "Unemployed" is only based on those people in the labor force, it is an undercount of actual unemployment in a community. The "Total" is of those people 16 years and over in the labor force. An N.A. indicates that this information was not available for the school district. The "Spanish-American" category includes people who are both "White" and "Black" according to the Census definition so that the total of the "White", "Black", and "Spanish-American" columns will never equal the "Total" column. The percentages may not add up to 100 percent because of rounding. The "White" and "Black" figures may not equal the "Total" column because they do not include people of other racial backgrounds such as Asian-American and Native-American.

PAGE 14 1970 CENSUS:
Number of Persons in Families and
Number of Unrelated Individuals with Income Less Than Poverty Level

The information on the number of "Persons in Families" below poverty level was obtained from the U.S. Department of Commerce, Bureau of the Census, 1970 Census of Population and Housing, Fourth Count Population Summary Tapes for Massachusetts, Table 83, "Aggregate Number of Persons in Families below Poverty Level".

The information on the "Number of Unrelated Individuals with Income Less Than Poverty Level" was obtained from the U.S. Department of Commerce, Bureau of the Census 1970 Census of Population and Housing, Fourth Count Population Summary Tapes for Massachusetts, Table 89, "Unrelated Individuals by Age and Poverty Status". This information was based on a 20 percent sample survey. The number of persons in families and the number of unrelated individuals were totalled by the MPP support research staff to arrive at the total in this table.

The definition of poverty level income originated with the U.S. Social Security Administration in 1964 and was subsequently modified by a Federal Interagency Committee. This index provides a range of poverty income cutoffs adjusted by such factors as family size, family head, number of children under 18 years old, and farm and nonfarm residence, needed in order to maintain a nutritionally adequate food plan designed by the Department of Agriculture. In 1969, the poverty thresholds ranged from \$1,847 for a female unrelated individual 65 years old and over living on a farm to \$6,116 for a nonfarm family with a male head and with seven or more persons. The average poverty threshold for a nonfarm family of four headed by a male was \$3,745. An N.A. indicates that this information was not available for the school district. The percentages may not add up to 100 percent because of rounding. The "White" and "Black" figures may not equal the "Total Population" because they do not include people of other racial backgrounds such as Asian-American and Native-American. The "Spanish-American" category includes people who are both "White" and "Black" according to the Census definition so that the total of the "White", "Black", and "Spanish-American" columns will never equal the "Total Population" column.

PAGE 14 -

1970 CENSUS:

Number of Related Children Under 18 in Families
Below Poverty Level by Presence of Parents

This information was obtained from the 1970 U.S. Department of Commerce, Bureau of the Census, 1970 Census of Population and Housing, Fourth Count Population Summary Tapes for Massachusetts, Table 92, "Related Children Under 18 Years Old in Families Below Poverty Level by Presence of Parents". This information was based on a 20 percent sample survey. The percentages were calculated by the MPP support research staff by dividing the number of children under 18 living in families below poverty level by the total number of children under 18 in that city or town. An N.A. indicates that this information was not available for the school district. The "White" and "Black" figures may not equal the "Total Population" because they do not include people of other racial backgrounds such as Asian-American and Native-American. The "Spanish-American" category includes people who are both "White" and "Black" according to the Census definition so that the total of the "White", "Black" and "Spanish-American" columns will never equal the "Total Population" column.

PAGE 15 - CHARACTERISTICS OF INDUSTRIAL FIRMS: 1967

This information was obtained from the Commonwealth of Massachusetts, Division of Employment Security, "Massachusetts Employment and Wages 1967 by Area (City and Town) by Industry, 3 digit," unpublished computer printouts. This information is on industrial establishments subject to the Massachusetts Employment Security Law, Chapter 151A of the General Laws, and generally excludes employment in nonprofit institutions organized for religious, charitable, educational,

or scientific purposes; in domestic service; self employment and unpaid family service; and in governments. A definition of each major industry, such as "Agriculture and Mining", presented in this table, can be found in the following publication: The Commonwealth of Massachusetts, Division of Employment Security, Massachusetts Cities and Towns, Employment and Wages in Establishments Subject to the Massachusetts Employment Security Law by Major Industry Divisions 1967-1971, March, 1973.

PAGE 16 - CHARACTERISTICS OF INDUSTRIAL FIRMS: 1972

This information was obtained from the Commonwealth of Massachusetts, Division of Employment Security, "Massachusetts Employment and Wages 1972 by Area (City and Town) by Industry, 3 digit", unpublished computer printouts. This information is on industrial establishments subject to the Massachusetts Employment Security Law, Chapter 151A of the General Laws, and generally excludes employment in nonprofit institutions organized for religious, charitable, educational, or scientific purposes; in domestic service; self employment and unpaid family service; and in governments. A definition of each major industry, such as "Agriculture and Mining", presented in this table, can be found in the following publication: The Commonwealth of Massachusetts, Division of Employment Security, Massachusetts Cities and Towns, Employment and Wages in Establishments Subject to the Massachusetts Employment Security Law by Major Industry Divisions 1967-1971, March, 1973.

LAND USE CHARACTERISTICS

PAGE 17 - LAND USE PATTERNS IN (CITY OR TOWN NAME)

The percentages measured on this pie chart were calculated from land use pattern information obtained from the Metropolitan Area Planning Council, Preliminary Single Purpose Plan Report, Land Use Numbers, Study Element Number 3.05 of the Southeastern New England Study, October 1973 (compiled for the New England River Basin Study). This report contained information on the number of acres in a city or town utilized for "Residential", "Commercial" and the other remaining categories. The MPP support research staff calculated the percentages that were used to develop the pie chart displayed in this table.

HOUSING CHARACTERISTICS

PAGE 18 - 1970 CENSUS: SELECTED HOUSING CHARACTERISTICS

This information was obtained from the U.S. Department of Commerce, Bureau of the

Census, 1970 Census of Population and Housing, 1970 Census of Housing, General Housing Characteristics, Massachusetts HC (1)-A23, Tables 1, 8, 18, 23, 24. The median value of owner occupied units does not include those that are in multi-unit structures, trailers, rural units on farms or places of ten or more acres, or on properties any part of which is used as a business.

The U.S. Bureau of the Census defines a housing unit as a house, an apartment, a group of rooms, or a single room occupied or intended for occupancy as separate living quarters. A housing unit was considered vacant if no one was living in it at the time the Census was taken unless its occupants were only temporarily absent. Median value was the owner's estimate of how much the property (house and lot) would sell for, if it were for sale. Median contract rent is the monthly rent agreed to, or contracted for, regardless of any furnishings, utilities, or services that may be included.

PAGE 18 - 1970 CENSUS: NUMBER OF HOUSING UNITS
 by Occupancy Status and Race of Head of Household

This information was obtained from the U.S. Department of Commerce, Bureau of the Census, 1970 Census of Population and Housing, Fourth Count Housing Summary Tapes for Massachusetts, Table 26, "Occupancy/Vacancy Status". The total number of housing units in this table may be slightly lower than the total in the previous table because it does not include vacant migratory and seasonal units. The percentages may not add up to 100 percent because of rounding. An N.A. indicates that this information was not available for the school district. The "White" and "Black" figures may not equal the "Total" column because they do not include people of other racial backgrounds such as Asian-American and Native-American. This information was based on a 20% sample survey.

PAGE 18 - BUILDING PERMITS ISSUED FOR NEW
 Dwelling Units: 1960-71

This information was obtained from the Massachusetts Department of Commerce and Development, City and Town Monograph. This is a separate monograph for each city and town in the Commonwealth of Massachusetts. These monographs, which contain other information on a city or town, are free to the public upon request.

PAGE 19 - NUMBER OF SUBSIDIZED HOUSING UNITS BY TYPE OF CONSTRUCTION
 STATUS: 1973

This information was obtained from the Metropolitan Area Planning Council, (MAPC) Subsidized Housing in the Boston Region as of December 31, 1973, and is available to the public upon request. The MAPC is the regional planning agency for the Boston metropolitan area; it studies the demographic, socio-economic, land use, and housing characteristics of the cities and towns in the Boston metropolitan area. MHFA refers to the Massachusetts Housing Finance Agency.

PAGE 19 - 1970 CENSUS: AGE OF HOUSING UNITS

This information was obtained from the U.S. Department of Commerce, Bureau of the Census, 1970 Census of Population and Housing, Fourth Count Housing Summary Tapes for Massachusetts, Table 8, "Year Structure Built, Tenure, and Race of Head". This information was based on a 20 percent sample survey. Since this information is based on a sample survey, the total number of housing units may not equal the total number of units recorded on other "Housing Characteristic" tables. The number of "Other Occupied Housing Units" was calculated by the MPP support research staff by subtracting the "Black Occupied Housing Units" column from the "Total Housing Units" column. The "Other Occupied Housing Units" are occupied primarily by whites but may also be occupied by Asian-American, Native-American and other racial and ethnic group members. The percentages may not add up to 100 percent because of rounding. An N.A. indicates that this information was not available for the school district. The "Spanish-American" category includes people who are both "White", and "Black" according to the Census definition so that the total of the "White" "Black" and "Spanish-American" columns will never equal the "Total Housing Units" column.

PAGE 20 - 1970 CENSUS: NUMBER OF PERSONS PER ROOM IN OCCUPIED HOUSING UNITS
By Race of Head of Household

This information was obtained from the U.S. Department of Commerce, Bureau of the Census, 1970 Census of Population and Housing, First Count Summary Tapes for Massachusetts, Table 30, "Persons per Room, Tenure and Race of Head". The number of "Other Occupied Housing Units" was calculated by the MPP support research staff by subtracting the "Black Occupied Housing Units" column from the "Total Occupied Units" column. An N.A. indicates that this information was not available for the school district. The percentages may not add up to 100 percent because of rounding.

PAGE 20 - 1970 CENSUS: TYPE OF HOUSING STRUCTURE

This information was obtained from the U.S. Department of Commerce, Bureau of the Census, 1970 Census of Population and Housing, Fourth Count Housing Summary Tapes for Massachusetts, Table 9, "Units in Structure, Tenure, and Race, of Head". This information was based on a 20 percent sample survey. Since this information is based on a sample survey, the total number of housing units may not equal the total number of units recorded on other "Housing Characteristic" tables. This information is also available for Black and Spanish-American occupied units, both owner occupied and renter occupied. An N.A. indicates that this information was not available for the school district. The percentages may not add up to 100 percent because of rounding.

PAGE 20 - 1970 CENSUS:
Average Number of
Persons per Housing Unit

This information was obtained from the U.S. Department of Commerce, Bureau of the Census, 1970 Census of Population and Housing, Fourth Count Housing Summary Tapes for Massachusetts, Table 37, "Number of Persons in Unit, Tenure, and Race of Head". This information was based on a 20 percent sample survey. This information was calculated by the MPP support research staff by dividing the number of persons in housing units by the total number of housing units. The number of "Other Occupied Housing Units" was calculated by the MPP support research staff by subtracting the "Black Occupied Housing Units" column from the "Total Occupied Housing Units" column.

PAGE 21 - 1970 CENSUS: VALUE OF OWNER OCCUPIED HOUSING UNITS BY RACE OF
HEAD OF HOUSEHOLD

This information was obtained from the U.S. Department of Commerce, Bureau of the Census, 1970 Census of Population and Housing, Fourth Count Housing Summary Tapes for Massachusetts, Table 52, "Value, Occupancy Status, and Race of Head". This information was based on a 20 percent sample survey. The value of an owner occupied unit was the owner's estimate of how much the property (house and lot) would sell for, if it were for sale. The number of "Other Owner Occupied Units" was calculated by the MPP support research staff by subtracting the "Black Owner Occupied Units" column from the "Total Owner Occupied Units" column. The percentages may not add up to 100 percent because of rounding. An N.A. indicates that this information was not available for the school district. The "Spanish-American" category includes people who are both "White" and "Black" according to the Census definition so that the total of the "White", "Black" and "Spanish-American" column will never equal the "Total Owner Occupied Units" column.

PAGE 22 - 1970 CENSUS: MONTHLY GROSS RENT BY RACE OF HEAD OF HOUSEHOLD

This information was obtained from the U.S. Department of Commerce, Bureau of the Census, 1970 Census of Population and Housing, Fourth Count Housing Summary Tapes for Massachusetts, Table 19, "Gross Rent and Race of Head". This information was based on a 20 percent sample survey. "Monthly Gross Rent" is the monthly rent agreed to, or contracted for, regardless of any furnishings, utilities, or services that may be included plus the estimated average monthly cost of utilities and fuels, if these items are paid for by the renter in addition to rent. The number of "Other Renter Occupied Units" was calculated by the MPP support research staff by subtracting the "Black Renter Occupied Units" column from the "Total Renter Occupied Units" column. An N.A. indicates that this information was not available for the school district. The percentages may not add up to 100 percent because of rounding. The "Spanish-American" category includes people who are both "White" and "Black" according to the Census definition so that the total of the "White", "Black" and "Spanish-American" columns will never equal the "Total Renter Occupied Units" column.

NOTES AND SOURCES FOR THE INDIVIDUAL SCHOOL PROFILES

PAGE 1 - SCHOOL DISTRICT #, SCHOOL

The school district and school number (#) which appear on the upper right hand box are code numbers which are used by the Massachusetts State Department of Education. These code numbers were obtained from the Massachusetts State Department of Education, Bureau of Educational Information Services, Massachusetts School Directory 1973-74.

PAGE 1 - 1973-74 SCHOOL DISTRICT; SCHOOL NAME; NO. & STREET; City, State, Zip; Grade Organization

This information was obtained from the Massachusetts State Department of Education, Bureau of Educational Information Services, Massachusetts School Directory 1973-74.

PAGE 1 - FACILITIES

The information on a school's date of initial construction, date(s) of additions or changes, number of rooms for instructional use, and total number of rooms were obtained from the Massachusetts State Department of Education, Division of Research, Planning, and Evaluation, School Building Inventory, Fall, 1973. There were fifty-eight types of school rooms listed on this form. Forty-two of these rooms were placed by the MPP support research staff in the "Instructional Use" category. These rooms are:

1. Art (General)
2. Arts and Crafts
3. Auditorium
4. Automotive
5. Bandroom
6. Biology Laboratory
7. Bookkeeping
8. Chemistry Laboratory
9. Child Care Center
10. Chorus Room
11. Classroom Regular, (Regular, Interchangeable)
12. Classroom (Seminar Room)
13. Corrective Room (Athletics)
14. Earth Science Laboratory
15. Field House
16. General Science Laboratory
17. Graphic Arts
18. Gymnasium
19. Home Economics (Food)

20. Home Economics (General)
21. Home Economics (Multi-purpose Living Center)
22. Ice Skating Rink
23. Instructional Media Center
24. Language Arts Laboratory
25. Library
26. Mathematics Laboratory
27. Mechanical Drawing
28. Metal Shop
29. Music Room (General)
30. Office Machines
31. Office Practice
32. Physics Laboratory
33. Power Mechanics Shop
34. Sewing Room
35. Shop (General)
36. Social Studies Laboratory
37. Special Education Remedial Rooms
38. Stenography Room
39. Swimming Pool
40. Television Room
41. Typing Room
42. Wood Shop

The remaining sixteen were placed in the "Other Uses" category.

They are:

1. Administrative Office
2. Audio-Visual Workroom
3. Cafeteria
4. Data Processing
5. Guidance Office
6. Health Suite
7. Kitchen
8. Lavatories (Boys')
9. Lavatories (Girls')
10. Shower and Locker Rooms
11. Storage (Books)
12. Storage (Custodial Supplies)
13. Storage (General Instructional Supplies)
14. Student Activity Room
15. Teachers' Lounge
16. Teachers' Workroom

An N.A. indicates that this information was not available for the school.

PAGE 1 - 1973-74 FEDERAL PROGRAMS

The information on "Title I" programs in a school ("Type of Program", "% of Students") was obtained from the Massachusetts State Department of Education, Division of Curriculum and Instruction, Bureau of Curriculum Services, Title I ESEA, "Unpublished Title I Program Documents, 1973-74." The "% School Enrollment" was calculated by the MPP support research staff by dividing the number of students in Title I programs by the total number of students in the school during the 1973-74 school year. The total number of students was obtained from the Massachusetts State Department of Education, Division of Research, Planning, and Evaluation, Enrollment by Classification, Exhibit II, 1973-74. This is the same total that appears in the "Student Ethnic Census: 1973-74" table on page 2. The Title I program is funded by the U.S. Office of Education and was legislated by the U.S. Congress as part of the 1965 Elementary and Secondary Education Act (ESEA). The Title I program provides assistance for "educationally deprived and neglected and delinquent children".

The information on students in the "Lunch Program" ("% Students, Free"; "% Students, Reduced Price") was obtained from the Massachusetts State Department of Education, Bureau of Nutrition Education and School Food Services Education, "Average Number of Lunches Served to Needy". The figures in this table were calculated by taking the number of needy students served lunches in a school during the month of January, 1974 and dividing this number by the number of days schools were opened that month. The "% School Enrollment" was calculated by the MPP support research staff, 1973-74, by dividing the number of "Lunch Program" students by the 1973-74 school enrollment obtained from the Massachusetts State Department of Education, Division of Research, Planning and Evaluation, Enrollment by Classification, Exhibit II, 1973-74.

The information on students eligible for the "Bilingual Program" was obtained from the Massachusetts State Department of Education, Bureau of Transitional Bilingual Education, Census of Children of Limited English Speaking Ability on October 1, 1973, under Chapter 71A, Act of 1971. This Census of all public school students is conducted each year in order to determine how many students are of limited English speaking ability as defined in Chapter 71A and, thus, eligible for transitional bilingual classes. The "% School Enrollment" was calculated by the MPP support research staff by dividing the number of eligible bilingual students by the 1973-74 school enrollment obtained from the Massachusetts State Department of Education, Division of Research, Planning, and Evaluation, Enrollment by Classification, Exhibit II, 1973-74.

The information on the number of METCO (Metropolitan Council for Educational Opportunities, Inc.) students was obtained from the METCO files, "Unpublished Student Enrollment Records", August, 1974. METCO is a state funded interdistrict transfer program which transports children from Boston to suburban school districts. The "% School Enrollment" was calculated by the MPP support research staff by dividing the number of METCO students by the 1973-74 school enrollment obtained from the Massachusetts State Department of Education, Division of Research, Planning, and Evaluation, Enrollment by Classification, Exhibit II, 1973-74.

PAGE 1 - STAFF ETHNIC CENSUS: 1973-74

This information was obtained from the Massachusetts State Department of Education, Division of Research, Planning, and Evaluation, 1973-74 Professional Staff Survey. The figures in this table are not always an accurate total of the number of professional staff employed in a school because some staff members may not have filled in a survey. In addition, some staff members may have completed one section of the survey but not another section. As a result, the totals under the "Age", "Years in Present System", and "Position" columns may not be the same. The total number (#) of professional staff recorded in the "Census" column is the largest number of staff found in either the "Age", "Years in Present System", or "Position" categories. The "Total" number of professional staff members may be greater than the total number of "White", "Black", "Spanish Surname", "Asian-American", "Native-American", and "Other" professional staff members because some people who answered this survey did not indicate their racial or ethnic background. An N.A. indicates that this information was not available for the school.

The survey form had 24 different position codes. These positions were reclassified, by the MPP support research staff, under one of these four headings: "Administrators", "Teachers", "Teacher Aides", and "Other Professionals".

"Administrators" include the following positions:

1. Administrative Assistant
2. Assistant Director or Manager
3. Assistant or Vice-Principal
4. Assistant Superintendent
5. Assistant Supervisor
6. Director or Manager (Pupils or Programs)
7. Principal
8. Research
9. Superintendent

"Teachers" include:

1. Itinerant Teacher
2. Special Class Teacher (Handicapped)
3. Specialist (Reading, Speech, etc.)
4. Teacher

"Teacher Aides" include:

1. Teacher Aide

"Other Professionals" include:

1. Attendance Supervisor
2. Chairman or Department Head
3. Counselor
4. Librarian
5. Nurse
6. Other Professional or Technical Personnel
7. Psychologist
8. Psychometrist
9. Social Worker (Adjustment Counselor)
10. Supervisor or Consultant (Staff Improvement)

PAGE 2 - STUDENT ETHNIC CENSUS: 1973-74

This information was obtained from the Massachusetts State Department of Education, Division of Research, Planning, and Evaluation, Enrollment by Classification, Exhibit II, 1973-74. The figures in the "White" column include "White" students and students of racial backgrounds other than "Black", "Native-American", "Asian-American", and "Spanish Surname". "Spanish Surname" students were placed in the "Non-white" category.

PAGE 2 - RACIAL CENSUS: 1967-68; 1970-71; 1972-73

The information on the "Total", "White", and "Non-white" enrollments for these three school years were obtained from the Massachusetts State Department of Education, Division of Research, Planning, and Evaluation, Racial Census, October, 1967; Racial Census, October, 1970; and Racial Census, October, 1972. The Racial Census does not indicate which students were considered "White" and which were considered "Non-white".

PAGE 2 - RACIAL CENSUS: ENROLLMENT CHANGE 1967-1972

These figures were calculated from the previous table by the MPP support research staff. The figures under the number sign (#) column were calculated by subtracting from the "Total", "White" or "Non-white" enrollment for the 1972-73 school year, the "Total", "White" or "Non-white" enrollment for the 1967-68 school year. For example, if the 1972-73 total enrollment was 100 students and the 1967-68 enrollment was 50 students, the enrollment change would be +50(100-50) and this figure would appear in the appropriate box. The figures under the percent(%) column were derived by dividing the difference between the 1972-73 and 1967-68 enrollment by the 1967-68 enrollment. If the difference, for example, between the 1972-73 and 1967-68 enrollments were +50 and the 1967-68 enrollment were 50, the percent change would be +100(50/50). The figures under the "% Change in Proportional Distribution" column were calculated as follows:

The "% White" (or "% Non-white") for 1972-73 was subtracted from the "% White" (or "% Non-white") for 1967-68.

This difference was divided by the "% White" (or "% Non-white") for 1967-68 and this is the figure that was recorded. For example, if the "% White" in 1967-68 was 75% and the "% White" in 1972-73 was 50%, the "% Change in Proportional Distribution" would be calculated as follows:
$$(50-75)/75 = (-25)/75 = -0.33.$$

Since the percent "Total Enrollment" is always 100%, no "% Change in Proportional Distribution" was calculated or recorded for "Total Enrollment". If there is a percent change from 0 to any number, the "% Change in Proportional Distribution" is mathematically undefined. This is noted by the word "Undefined".

PAGE 2 - FOLLOW-UP OF HIGH SCHOOL GRADUATES: 1968-1972

The information on the post high school placement of 1968 graduates was obtained from the Massachusetts State Department of Education, Division of Research, Planning, and Evaluation, Distribution of Graduating Class, 1969. The number of students in each of the various placement categories may not equal the total number of high school graduates because information on all placements was not available. If there was no information available on high school graduates in a particular school, this is noted by an N.A. in the first column (under the # sign). The information on the 1972 graduates was obtained from the Massachusetts State Department of Education, Division of Research, Planning, and Evaluation, Distribution of High School Graduates, Class of 1972, Fall 1973. The percentages in the 1972 column may not add up to 100% because of rounding. This table is only displayed for high schools; the profiles for elementary and junior high schools do not have this table.

PAGE 2 - ELIGIBLE TRANSITIONAL BILINGUAL STUDENTS: 1973-74

The number of students eligible for a transitional bilingual program was obtained from the Massachusetts State Department of Education, Bureau of Transitional Bilingual Education, Census of Children of Limited English Speaking Ability on October 1, 1973, under Chapter 71A, Act of 1971. This Census of all public school students is conducted each year in order to determine how many students are of limited English speaking ability as defined in Chapter 71A and, thus, eligible for transitional bilingual classes. The "Percent of Bilingual Enrollment" was calculated by the MPP support research staff by dividing the number of students in each language category, such as "Chinese" or "French" by the "Total" number of eligible bilingual students.

Leslie Steven May

NUMBER OF SCHOOLS AND ENROLLMENT By Type of School: 1973-74				
Type of School	Number of Schools	Enrollment		
		Total	White	Non- white
Elementary	10	3,572	3,470	102
Junior High	2	1,918	1,888	30
High School	1	1,877	1,866	11
Special & Ungraded	0			
Regional	0			
Vocational	0			
Total	13	7,367	7,224	143

SCHOOL ATTENDING CHILDREN IN PUBLIC and Non-public Schools					
Year	Total	Public		Non-public	
		#	%	#	%
1967-68	8,669	7,269	83.9	1,400	16.1
1970-71	8,630	7,570	87.7	1,060	12.3
1972-73	8,368	7,490	89.5	878	10.5

EDUCATIONAL COLLABORATIVE PARTICIPATION 1973-74	
Massachusetts Association of School Business Officials(MASBO); Massachusetts Bay Cooper- ative Data Study(MABCODS); The Education Cooperative (TEC);	Leslie B. Cutler Clinic; Metropolitan Planning Project-Approving District; Metropolitan Council for Educational Opportunity, Inc.(METCO)

3-D Learning Program-Title III; Arts for Inter-Group Education (AFIRE) - Title III

1970 CENSUS: SCHOOL ENROLLMENT FOR Level and Type of School by Race (Population 3 - 34 years)									
Level and Type of School	Total		White		Black		Spanish- American		
	#	%	#	%	#	%	#	%	
Nursery School									
Public	60	0.6	60	0.6	0		0		
Parochial	4	0.03	4	0.03	0		0		
Private	373	3.6	373	3.7	0		0		
Kindergarten									
Public	534	5.2	516	5.1	8	61.5	24	22.9	
Parochial	26	0.3	26	0.3	0		0		
Private	8	0.07	8	0.07	0		0		
Elementary (1-8)									
Public	4,779	46.7	4,764	46.7	5	38.5	33	31.4	
Parochial	581	5.7	581	5.7	0		14	13.3	
Private	123	1.2	123	1.2	0		0		
High School (1-4)									
Public	2,406	23.5	2,406	23.6	0		13	12.4	
Parochial	92	0.9	92	0.9	0		0		
Private	217	2.1	217	2.1	0		0		
College									
Public	250	2.4	250	2.4	0		7	6.7	
Private	787	7.7	787	7.7	0		14	13.3	

FEDERALLY-FUNDED PROGRAMS: 1973-74		
Program	# of Students	% Total Enrollment
Title I	58	0.8
Title III	7,367	100.0

EDUCATIONAL CHARACTERISTICS

RACIAL CENSUS: 1967-68; 1970-71; 1972-73					
Years	Total Enrollment	White		Non-white	
		#	%	#	%
1967-1968	7,284	7,243	99.4	41	0.6
1970-1971	7,602	7,508	98.8	94	1.2
1972-1973	7,530	7,424	98.6	106	1.4

RACIAL CENSUS: ENROLLMENT CHANGE 1967-1972				
	#	% Change in Proportional Distribution		
		#	%	
TOTAL	+246		+3.4	
White	+181		+2.5	-0.8
Non-white	+65		+158.5	+133.3

STUDENT ETHNIC CENSUS: 1973-74					
		Black	Non-white		
			Native-American	Asian-American	Spanish Surname
Number	7,367	86	1	47	9
Percent	100.0	1.2	0.0	0.6	0.1

FOLLOW UP OF HIGH SCHOOL GRADUATES: 1968; 1972					
Post High School Placement	Class of				
	1968		1972		
	#	%	#	%	
4-yr. State College	14	3.3	92	16.3	
4-yr. Other College	235	54.7	223	39.5	
2-yr. State College	5	1.2	29	5.1	
2-yr. Other College	39	9.1	43	7.6	
Nurses Training	3	0.7	7	1.2	
Other Post Secondary	62	14.4	46	8.1	
Military	19	4.4	6	1.1	
Work	24	5.6	79	14.0	
Other	29	6.7	40	7.1	
TOTAL	430	100.0	565	100.0	

ELIGIBLE TRANSITIONAL BILINGUAL STUDENTS: 1973-74		
Language	Number of Students	Percent of Bilingual Enrollment
TOTAL	0	
Chinese		
French		
Greek		
Italian		
Portuguese		
Spanish		
Other		

METROPOLITAN PLANNING PROJECT/COMMUNITY PROFILE # 199 NEEDHAM

EDUCATIONAL CHARACTERISTICS

PUBLIC SCHOOL STUDENT ENROLLMENTS: 1964 - 1982					
Past Enrollments: 1964 - 1972					
Projected Enrollments: 1973 - 1982					
School Year Beginning in Fall of	Total K-12 (R ² = .973)	Total K-6 (R ² = .)	Total 7-12 (R ² = .942)	White K-12 (R ² = .967)	Non-white K-12 (R ² = .960)
1964	6252.00		2658.58	6233.00	19.0000
1965	6757.00		2848.22	6726.00	31.0000
1966	6892.00		2732.10	6864.00	29.0000
1967	7284.00		3031.53	7243.00	41.0000
1968	7446.00		3370.06	7397.00	49.0000
1969	7581.00		3522.57	7523.00	58.0000
1970	7587.00		3709.00	7493.00	94.0000
1971	7507.00		3730.53	7411.00	96.0000
1972	7530.00		3795.00	7424.00	106.000
1973	7606.26		3989.94	7506.48	122.329
1974	7614.16		4098.29	7511.98	133.555
1975	7619.01		4196.40	7515.22	142.916
1976	7621.93		4284.72	7517.14	150.442
1977	7623.80		4363.79	7518.27	156.317
1978	7624.51		4434.25	7518.93	160.799
1979	7625.59		4496.76	7519.32	164.158
1980	7626.02		4552.01	7519.55	166.643
1981	7626.77		4600.68	7519.68	168.463
1982	7626.42		4643.42	7519.77	169.786

METROPOLITAN PLANNING PROJECT/COMMUNITY PROFILE # 199 NEEDHAM

EDUCATIONAL CHARACTERISTICS

NUMBER OF TEACHERS BY RACE: 1972-73										
Total	White		Non-White		Non-white					
	#	%	#	%	Black		Asian-American		Native-American	
					#	%	#	%	#	%
346	337	97.4	9	2.6	5	1.4	0		0	
									4	1.2

NUMBER OF TEACHERS, TEACHER AIDES AND OTHER PROFESSIONAL STAFF: 1973-74													
Staff Status	Total	White		Non-white		Non-white							
		#	%	#	%	Black		Asian-American		Native-American		Spanish Surname	
						#	%	#	%	#	%	#	%
Teachers	364	352	96.7	12	3.3	7	1.9	1	0.3	0		3	0.8
Teacher Aides	17	15	88.2	2	11.8	2	11.8	0		0		0	
Other Professional Staff	89	89	100.0	0									
Total	470	456	97.0	14	3.0	9	1.9	1	0.2	0		3	0.6
												1	0.2

METROPOLITAN PLANNING PROJECT/COMMUNITY PROFILE # 199 NEEDHAM

EDUCATIONAL CHARACTERISTICS

SELECTED FINANCIAL CHARACTERISTICS							
Year	% Municipal Tax Dollar Spent on Education	Comprehensive Per Pupil Expenditure (in \$)			Public School Attending Children Transported at Public Expense		Computative Equalized Property Valuation per School Attending Child (in \$)
		Total	Elementary School	Junior High School	High School	#	
1967-68	56.7	689	605	670	944	1,616	32,645
1970-71	56.1	1,013	930	1,037	1,161	1,807	36,385
1972-73	55.6	1,169	1,128	1,239	1,178	1,790	40,631

1973 TAX RATE	
Official	Equalized
45.00	41.40

1973 SCHOOL TAX RATE	
Official	Equalized
25.40	23.37

1973 MOODY'S BOND RATING	
	Aa

PUBLIC SCHOOL STUDENTS		
Receiving Subsidized Lunches: 1973-74		
TOTAL	# of Lunch Program Students	% of Total Enrollment
	76	1.0
Free	72	1.0
Reduced Price	4	0.1

STUDENTS ENROLLED IN METCO		
Year	# METCO Students	% of Total Enrollment
1967-68	9	0.1
1970-71	40	0.5
1972-73	67	0.9
1973-74	69	0.9

EDUCATIONAL CHARACTERISTICS

PERCENT DISTRIBUTION OF SCHOOL REVENUES: 1967-68; 1970-71; 1972-73									
Year	Total Public School Funds Provided *	Local Sources		Commonwealth Sources		Federal Sources		Other School Districts	
		\$	%	\$	%	\$	%	\$	%
1967-68	6,564,097	5,753,057	87.6	652,131	9.9	294,753	4.5	2,774	0.0
1970-71	9,577,544	8,414,134	87.9	1,044,058	10.9	162,298	1.7	9,519	0.1
1972-73	10,707,323	8,707,434	81.3	1,810,779	16.9	182,311	1.7	4,998	0.0
Notes: *The amount of Total Public School Funds Provided is not necessarily equal to the total of the Local, Commonwealth, Federal, and Other School District revenues because the total incorporates an adjustment figure reported in the annual budget for the beginning and ending balance.									

ABSOLUTE DOLLAR AND PERCENT CHANGES IN REVENUES: 1967-72										
Changes in Public School Funds Provided 1967-72	Total		Local Sources		Commonwealth Sources		Federal Sources		Other School Districts	
	\$	%	\$	%	\$	%	\$	%	\$	%
	4,143,226	63.1	2,954,377	51.4	1,158,648	177.7	- 112,442	- 38.1	2,224	80.2

PERCENT CHANGE IN PROPORTIONAL DISTRIBUTION OF REVENUES: 1967-72				
% Change in Proportional Distribution of Revenue 1967-72	Local Sources		Commonwealth Sources	
	- 7.2		70.7	
			- 62.2	
			0.0	

METROPOLITAN PLANNING PROJECT/COMMUNITY PROFILE # 199 NEEDHAM

EDUCATIONAL CHARACTERISTICS

PERCENT DISTRIBUTION OF SCHOOL EXPENDITURES: 1967-68; 1970-71; 1972-73

Year	Total Public School Funds Applied	Expenditures by School Committee						Expenditures for Services provided by Other Municipal Agencies		Expenditures for Regional School Assessments		Expenditures of Federal Funds		Expenditures of Revolving Funds	
		Administration		Instruction		Other*									
		\$	%	\$	%	\$	%	\$	%	\$	%	\$	%	\$	%
1967-68	6,564,097	145,827	2.2	4,001,276	61.0	884,369	13.5	1,045,085	15.9	0		83,206	1.3	404,334	6.2
1970-71	9,577,544	246,692	2.6	6,034,329	63.0	1,383,558	14.5	1,451,237	15.2	0		17,751	0.2	443,977	4.6
1972-73	10,707,323	269,414	2.5	6,784,631	63.3	1,588,137	14.8	1,559,566	14.6	0		26,583	0.3	478,992	4.5

ABSOLUTE DOLLAR AND PERCENT CHANGES IN EXPENDITURES: 1967-72

Changes in Public School Funds Expended 1967-72	Total Public School Funds Applied	Expenditures by School Committee										Expenditures for Regional School Assessments	Expenditures of Federal Funds		Expenditures of Revolving Funds		
		Administration				Instruction				Other*			Expenditures for Services provided by Other Municipal Agencies	\$	%	\$	%
		\$	%	\$	%	\$	%	\$	%								
	\$ 4,143,226	123,587	84.7	2,783,355	69.6	703,768	79.6	514,481	49.2	0	0.0	-56,623	-68.1	74,658	18.5		

PERCENT CHANGE IN PROPORTIONAL DISTRIBUTION OF EXPENDITURES: 1967-72

Percent Change in Proportional Distribution of Expenditures 1967-72	Expenditures by School Committee				Expenditures for Services provided by Other Municipal Agencies	Expenditures for Regional School Assessments	Expenditures of Federal Funds	Expenditures of Revolving Funds
	Administration		Instruction					
	13.6		3.8	9.6	- 8.2	0.0	- 76.9	- 27.4

Note: *Other includes the following categories: attendance, health service, pupil transportation, food services, athletics, other student-body activities, operation and maintenance of plant, fixed charges, community services, acquisitions of fixed assets, debt retirement and debt services, and programs with other districts.

EDUCATIONAL CHARACTERISTICS

1970 CENSUS: COUNT OF PERSONS 25 YEARS OF AGE AND OVER BY RACE AND YEARS OF SCHOOL COMPLETED									
Level and Years of School Completed	Total Population		White		Black		Spanish-American		
	#	%	#	%	#	%	#	%	
No School									
Year Completed	153	0.9	149	0.9	0		0		
Elementary:									
1-4 years	96	0.6	96	0.6	0		0		
5-6 years	188	1.1	188	1.1	0		0		
7 years	151	0.9	151	0.9	0		0		
8 years	458	2.8	454	2.7	4	17.4	13	10.9	
High School:									
1-3 years	1,569	9.4	1,564	9.4	0		0		
4 years	5,264	31.6	5,236	31.6	13	56.5	22	18.5	
College:									
1-3 years	3,482	20.9	3,478	21.0	0		21	17.6	
4 years	3,031	18.2	3,025	18.2	6	26.1	31	26.1	
5 years or more	2,261	13.6	2,248	13.6	0		32	26.9	
Total	16,653	100.0	16,589	100.0	23	100.0	119	100.0	

MEDIAN SCHOOL YEARS COMPLETED			
Total Population	White	Black	Spanish-American
13.3	13.3	12.2	15.2

METROPOLITAN PLANNING PROJECT/COMMUNITY PROFILE # 199 NEEDHAM

DEMOGRAPHIC CHARACTERISTICS

CENSUS POPULATION BY RACE AND SPANISH LANGUAGE: 1960; 1970													
Year	Total Population	Total Population				Non-White						Spanish Language	
		White		Non-white		Black		Native-American		Asian-American		Other	
		#	%	#	%	#	%	#	%	#	%	#	%
1960	25,793	25,719	99.7	74	0.3	12	0.1	3	0.0	53	0.2	6	0.0
1970	29,748	29,555	99.4	193	0.7	63	0.2	3	0.0	104	0.4	23	0.1
1960-1970													
Increase (+)													
Decrease (-)													
% Change in Proportional Distribution		+3,836	14.9	+119	160.8	+51	425.0	0	Undefined	+51	96.2	+17	283.3
		-0.3		+133.3		+100.0		Undefined		+100.0		Undefined	
												292	1.0
												Not Available	

CENSUS POPULATION INCREASE OR DECREASE: 1960-1970		
1960-70		
Increase (+) or Decrease (-)		+3,955
% Change 1960-70		
Increase (+) or Decrease (-)		+15.3
Balance of Births to Deaths		
Excess of Births (+)		
Excess of Deaths (-)		+2,154
Net Migration		
Excess of People Moving In (+)		
Excess of People Moving Out (-)		+1,801

1970 CENSUS: FERTILITY RATIO BY RACE	
Total Population	1.669:1
White	1.668:1
Black	3.230:1
Spanish-American	2.200:1

DEMOGRAPHIC CHARACTERISTICS

1970 CENSUS: Household Population by Race			
Race	Total Population #	Population in Households	
		#	%
White	29,555	29,446	99.4
Black	63	N.A.	
Other	130	N.A.	
Total	29,748	29,634	100.0

1970 CENSUS: Number of Families by Sex of Family Head				
Family Head	Total Population	White	Black	Spanish-American
Male	7,020	6,996	10	75
Female	563	563	0	0
Total	7,583	7,559	10	75

1970 CENSUS: AGE DISTRIBUTION BY RACE									
Age	Total	White		Non-white		Non-white			
		#	%	#	%	Black #	Black %	Other #	Other %
Under 5	2,270	2,252	7.6	18	9.3	3	4.9	15	11.4
5 - 9	3,138	3,101	10.5	37	19.2	12	19.7	25	19.0
10 - 14	3,601	3,578	12.1	23	11.9	9	14.8	14	10.6
15 - 19	2,754	2,742	9.3	12	6.2	3	4.9	9	6.8
20 - 24	1,284	1,278	4.3	6	3.1	1	1.6	5	3.8
25 - 44	6,905	6,842	23.2	63	32.6	25	41.0	38	28.8
45 - 64	7,010	6,987	23.6	23	11.9	7	11.5	16	12.1
65 and Over	2,786	2,775	9.4	11	5.7	1	1.6	10	7.6
Total	29,748	29,555	100.0	193	100.0	61	100.0	132	100.0

DEMOGRAPHIC CHARACTERISTICS

1970 CENSUS: NATIVITY AND PARENTAGE					
Nativity	Total Population		White	Black	Spanish-American
	#	%	#	#	#
Native of Native Parent	20,760	70.0	20,685	28	170
Foreign Stock	8,916	30.0	8,868	8	122
Total	29,676	100.0	29,553	36	292

1970 CENSUS: MOST FREQUENT COUNTRY of Origin of Foreign Stock			
Country of Origin	# of Persons	% Foreign Stock Population	
Canada	2,025	22.7	
Italy	1,336	15.0	
United Kingdom	1,038	11.6	
Ireland	1,005	11.3	

1970 CENSUS: SPANISH POPULATION INDICATORS		
Indicators	# of Persons	% of Total Population
Spanish Origin or Descent	93	0.3
Puerto Rican Birth or Parentage	5	0.0
Spanish Language	292	1.0

1970 CENSUS: MOST FREQUENT MOTHER TONGUES Other Than English		
Mother Tongue	# of Persons	% of Total Population
Italian	1,244	4.2
Yiddish	589	2.0
German	444	1.5
French	416	1.4

ECONOMIC CHARACTERISTICS

1970 CENSUS: NUMBER OF EMPLOYED PERSONS 16 YEARS OLD AND OVER BY OCCUPATION									
Occupation	Total Persons Employed		White		Black		Spanish-American		
	#	%	#	%	#	%	#	%	
Professional, Technical and Kindred Workers	3,117	27.0	3,102	27.0	6	42.9	32	33.3	
Managers and Administrators, except Farm	1,986	17.2	1,977	17.2	4	28.6	38	39.6	
Sales Workers	1,384	12.0	1,384	12.0	0		0		
Clerical and Kindred Workers	2,368	20.5	2,359	20.5	0		8		
Craftsmen, Foremen and Kindred Workers	894	7.7	889	7.7	0		12	12.5	
Operatives, except Transport	433	3.7	433	3.8	0		6	6.3	
Transport Equipment Operatives	186	1.6	186	1.6	0		0		
Laborers, except Farm	219	1.9	219	1.9	0		0		
Farmers and Farm Managers	15	0.1	15	0.1	0		0		
Farm Laborers and Foremen	11	0.1	11	0.1	0		0		
Service Workers, except Private Household	834	7.2	828	7.2	0		0		
Private Household Workers	104	0.9	100	0.9	4	28.6	0		
Total	11,551	100.0	11,503	100.0	14	100.0	96	100.0	

ECONOMIC CHARACTERISTICS

MEDIAN INCOME: 1960 CENSUS; 1970 CENSUS								
Year	Families			Unrelated Individuals				
	All	White	Black	Spanish-American	All	White	Black	Spanish-American
1960	N.A.				N.A.			
1970	\$16,370	\$16,350	\$16,660	\$13,605	\$4,244	\$4,290	\$500	N.A.

1970 CENSUS: EMPLOYMENT STATUS BY RACE of Persons 16 Years of Age and Over in Labor Force									
Employment Status	Total Population		White		Black		Spanish-American		
	#	%	#	%	#	%	#	%	
Employed	11,551	97.4	11,503	97.4	14	100.0	96	100.0	
Unemployed	310	2.6	310	2.6	0		0		
Total	11,861	100.0	11,813	100.0	14	100.0	96	100.0	

METROPOLITAN PLANNING PROJECT/COMMUNITY PROFILE #199 NEEDHAM

ECONOMIC CHARACTERISTICS

1970 CENSUS: Number of Persons in Families and Number of Unrelated Individuals with Income Less Than Poverty Level								
Family Status	Total Population		White		Black		Spanish-American	
	#	%	#	%	#	%	#	%
Persons in Families	637	67.9	637	68.5	0		42	100.0
Unrelated Individuals	301	32.1	293	31.5	4	100.0	0	
Total	938	100.0	930	100.0	4	100.0	42	100.0

1970 CENSUS: Number of Related Children Under 18 in Families Below Poverty Level by Presence of Parents								
Parental Presence	Total Population		White		Black		Spanish-American	
	#	%	#	%	#	%	#	%
Living with Both Parents	207	1.9	207	1.9	0		26	100.0
Other	105	1.0	105	1.0	0		0	
Total	312	2.8	312	2.8	0		26	100.0

ECONOMIC CHARACTERISTICS

CHARACTERISTICS OF INDUSTRIAL FIRMS: 1967				
Industry	Number of Firms	Annual Payroll in \$	Average Number of Employees	Average Annual Wage in \$
Agriculture and Mining	15	789,622	143	5,522
Construction	116	6,344,269	716	8,861
Manufacturing	54	45,728,099	5,646	8,099
Transportation, Communication, and Utilities	14	465,034	88	5,284
Wholesale and Retail Trade	236	21,895,516	3,311	6,613
Finance, Insurance, Real Estate	22	1,122,901	142	7,908
Service Industries	150	3,843,432	792	4,853
Total	607	80,188,873	10,838	7,399

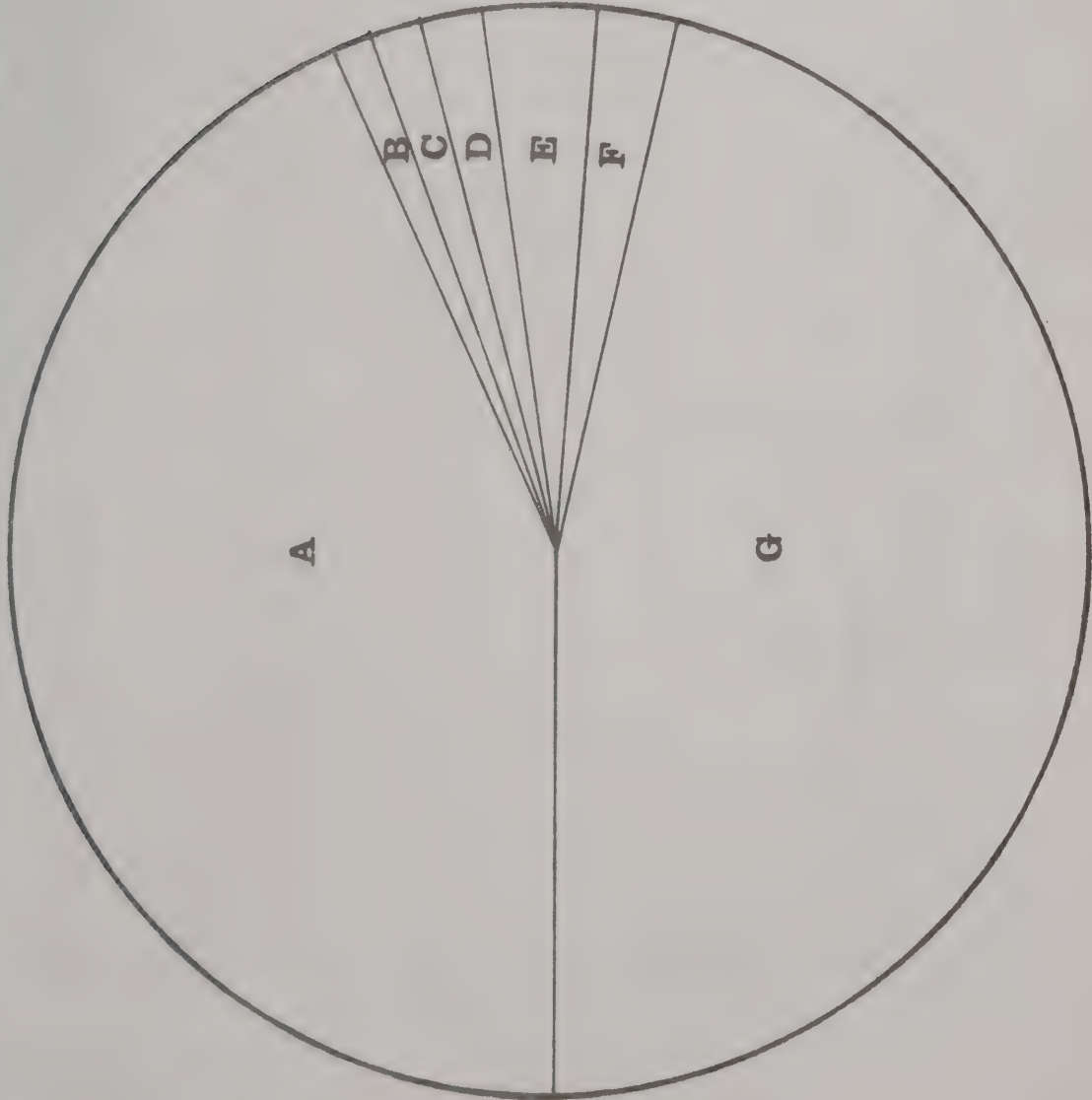
METROPOLITAN PLANNING PROJECT/COMMUNITY PROFILE # 199 NEEDHAM

ECONOMIC CHARACTERISTICS

CHARACTERISTICS OF INDUSTRIAL FIRMS: 1972					
Industry	Number of Firms	Annual Payroll in \$	Average Number of Employees	Average Annual Wage in \$	
Agriculture and Mining	14	968,476	134	7,227	
Construction	127	16,672,553	1,226	13,599	
Manufacturing	50	27,291,912	2,658	10,268	
Transportation, Communication, and Utilities	27	604,119	84	7,192	
Wholesale and Retail Trade	284	37,957,851	4,987	7,611	
Finance, Insurance, Real Estate	40	1,789,339	210	8,521	
Service Industries	197	9,692,952	1,319	7,349	
Total	739	94,977,202	10,616	8,947	

1971 LAND USE PATTERN IN

NEEDHAM



LAND USE		%
A	RESIDENTIAL	43.4
B	COMMERCIAL	1.1
C	RECREATIONAL	1.5
D	PUBLIC INSTITUTIONS	1.8
E	INDUSTRIAL	3.5
F	VACANT LAND	2.4
G	OTHER:	46.3

Transportation
Disposal Sites, Extractive
Agricultural and Forest
Water and Wetlands

HOUSING CHARACTERISTICS

1970 CENSUS: SELECTED HOUSING CHARACTERISTICS											
Total Housing Units				Occupied Housing Units						Median Value Owner Occupied Unit	Median Contract Rent
Total		Vacant		Occupied		Total		Owner Occupied			
#	%	#	%	#	%	#	%	#	%	#	%
8,674	100.0	64	0.7	8,610	99.3	8,610	100.0	7,210	83.7	1,400	16.3
										\$ 32,000	\$ 157

1970 CENSUS: NUMBER OF HOUSING UNITS by Occupancy Status and Race of Head of Household							
Occupancy Status	Total		White Head of Household		Black Head of Household		
	#	%	#	%	#	%	
Owner Occupied	7,210	83.1	7,181	83.9	6	50.0	
Renter Occupied	1,400	16.1	1,383	16.1	6	50.0	
Vacant Year Round	64	0.7	Not Applicable				
Total	8,674	100.0	8,564	100.0	12	100.0	

BUILDING PERMITS ISSUED FOR NEW Dwelling Units: 1960-1971	
Year Issued	Number
1960-1964	823
1965-1970	698
1971	153
Total	1,674

METROPOLITAN PLANNING PROJECT/COMMUNITY PROFILE # 199 NEEDHAM

HOUSING CHARACTERISTICS

NUMBER OF SUBSIDIZED HOUSING UNITS BY TYPE OF UNIT BY CONSTRUCTION STATUS: 1973									
Status	Total Subsidized Units	Low Income Units			Moderate Income Units			MHFA Low-Moderate Income Units	
		Elderly	Family	Leased	Elderly	Family Homeownership	Rental Assistance	Low	Moderate
Completed	232	152	80	0	0	0	0	0	0
Under Construction	0								
In Planning	0								

1970 CENSUS: AGE OF HOUSING UNITS									
Year Built	Total Housing Units		Black Occupied Housing Units		Other Occupied Housing Units		Spanish-American Occupied Housing Units		
	#	%	#	%	#	%	#	%	
1965-March 1970	658	7.6					0		
1960-1964	872	10.1					0		
1950-1959	2,766	31.9					18	24.0	
1940-1949	1,137	13.1					25	33.3	
1939 or earlier	3,227	37.3					32	42.7	
Total	8,660	100.0	N.A.		N.A.		75	100.0	

METROPOLITAN PLANNING PROJECT/COMMUNITY PROFILE # 199 NEEDHAM

HOUSING CHARACTERISTICS

1970 CENSUS: NUMBER OF PERSONS PER ROOM IN OCCUPIED HOUSING UNITS by Race of Head of Household						
Persons per Room	Total Occupied Units		Black Occupied Units		Other Occupied Units	
	#	%	#	%	#	%
1.00 or less	8,422	97.8	11	91.7	8,411	97.8
1.01 to 1.50	161	1.9	1	8.3	160	1.9
1.51 or more	27	0.3	0		27	0.3
Total	8,610	100.0	12	100.0	8,598	100.0

1970 CENSUS: TYPE OF HOUSING STRUCTURE		
Type	# of Structures	% of Housing Units
1 Unit	7,617	88.0
2 Units	671	7.7
3-4 Units	154	1.8
5-9 Units	76	0.9
10 or more Units	142	1.6
Mobile Home or Trailer	0	
Total	8,660	100.0

1970 CENSUS: Average Number of Persons per Housing Unit	
Total Occupied Housing Units	3.4
Black Occupied Housing Units	N.A.
Other Occupied Housing Units	N.A.
Spanish-American Occupied Housing Units	3.9

HOUSING CHARACTERISTICS

1970 CENSUS: VALUE OF OWNER OCCUPIED HOUSING UNITS BY RACE OF HEAD OF HOUSEHOLD									
	Total Owner		Black Owner		Other Owner		Spanish-American		
	#	%	Occupied Units	%	Occupied Units	%	Owner Occupied Units	%	
Less than \$5,000	0						0		
\$5,000 - \$7,499	0						0		
\$7,500 - \$9,999	0						0		
\$10,000 - \$12,499	11	0.2					0		
\$12,500 - \$14,999	47	0.7					0		
\$15,000 - \$17,499	75	1.1					0		
\$17,500 - \$19,999	277	4.0					0		
\$20,000 - \$24,999	950	13.8					6		
\$25,000 - \$34,999	2,848	41.4					26		
\$35,000 - \$49,999	2,002	29.1					20		
\$50,000 and over	661	9.6					8		
Total	6,871	100.0	N.A.		N.A.		60		

METROPOLITAN PLANNING PROJECT/COMMUNITY PROFILE # 199 NEEDHAM

HOUSING CHARACTERISTICS

1970 CENSUS: MONTHLY GROSS RENT BY RACE OF HEAD OF HOUSEHOLD									
Monthly Gross Rent	Total Renter		Black Renter		Other Renter		Spanish-American		
	#	%	#	%	#	%	Renter Occupied Units	#	
Less than \$30	5	0.4							
\$30 - \$49	0	0.0							
\$50 - \$69	45	3.3							
\$70 - \$89	46	3.3							
\$90 - \$119	163	11.8							
\$120 - \$149	123	8.9							
\$150 - \$199	361	26.1							
\$200 - \$249	188	13.6							
\$250 - \$299	150	10.8							
\$300 or more	197	14.2							
No Cash Rent	105	7.6							
Total	1,383	100.0	N.A.		N.A.			N.A.	

School District #	199
School #	005

1973-74

School District:	Needham
School Name:	Broadmeadow
No. & Street:	120 Broadmeadow
City, State, Zip:	Needham, Mass. 02192
Grade Organization:	1-6
Facilities:	
Initial Construction Date:	1953
Dates of Additions or Changes:	1969
# Rooms, Instructional Use:	21
# Rooms, Other Uses:	15
TOTAL	36

School District # 199	
School # 005	
1973-74	
Federal Programs	
Title I:	
Type of Program:	Parent teaching planning
# of Students:	and training program
% School Enrollment:	5
Lunch Program:	1.3
# Students, Free:	3
# Students, Reduced Price:	0
TOTAL	3
% School Enrollment:	0.8
Bilingual Program:	
# Eligible Students:	0
% School Enrollment:	
METCO Interdistrict Program:	
# Students:	0
% School Enrollment:	

[illegible]

School District # 199
School # 005

STUDENT ETHNIC CENSUS: 1973-74					
Total		White	Non-white	Non-white	
				Black	Native-American Asian-American Spanish Surname
Number	380	371	9	0	0 9 0
Percent	100.0	97.6	2.4		2.4

RACIAL CENSUS: 1967-68, 1970-71, 1972-73					
Years	Total Enrollment	White		Non-white	
		#	%	#	%
1967-1968	448	447	99.8	1	0.2
1970-1971	467	466	99.8	1	0.2
1972-1973	419	415	99.0	4	1.0

RACIAL CENSUS: ENROLLMENT CHANGE 1967-1972			
	#	%	% Change in Proportional Distribution
TOTAL	-29	-6.5	
White	-32	-7.2	-0.8
Non-white	+ 3	+300.0	+400.0

ELIGIBLE TRANSITIONAL BILINGUAL STUDENTS: 1973-74		
Language	Number of Students	Percent of Bilingual Enrollment
TOTAL	0	
Chinese		
French		
Greek		
Italian		
Portuguese		
Spanish		
Other		

METROPOLITAN PLANNING PROJECT/INDIVIDUAL SCHOOL PROFILE

School District # 199
School # 010

1973-74
School District: Needham
School Name: Carter
No. & Street: 757 Highland Avenue
City, State, Zip: Needham, Mass. 02194
Grade Organization: K-6
Facilities:
Initial Construction Date: 1921
Dates of Additions or Changes: 1971
Rooms, Instructional Use: 19
Rooms, Other Uses: 15
TOTAL 34

1973-74
Federal Programs
Title I:
Type of Program: Parent teacher training and training program
of Students: 6
% School Enrollment: 2.1
Lunch Program:
Students, Free: 7
Students, Reduced Price: 0
TOTAL 7
% School Enrollment: 2.4
Bilingual Program:
Eligible Students: 0
% School Enrollment:
METCO Interdistrict Program:
Students: 17
% School Enrollment: 5.9

STAFF ETHNIC CENSUS: 1973-74													
Professional Staff	Census		Age				Years in Present System			Position			
	#	%	Under 26	26-34	35-55	56 & Over	Under 3	3-9	10 & Over	Administrators	Teachers	Teacher Aides	Other Professionals
TOTAL	14	100.0	3	4	6	1	6	3	4	1	11	2	0
White	11	78.6	1	3	6	1	4	3	4	1	9	1	0
Black	1	7.1	1	0	0	0	1	0	0	0	0	1	0
Spanish Surname	0		0	0	0	0	0	0	0	0	0	0	0
Asian-American	0		0	0	0	0	0	0	0	0	0	0	0
Native-American	0		0	0	0	0	0	0	0	0	0	0	0
Other	1	7.1	1	0	0	0	1	0	0	0	1	0	0

School District # 199 School # 010

STUDENT ETHNIC CENSUS: 1973-74					
	Total	White	Non-white	Non-white	
				Black	Native-American
Number	289	271	18	17	0
Percent	100.0	93.8	6.2	5.9	0.3

RACIAL CENSUS: 1967-68, 1970-71, 1972-73					
Years	Total Enrollment	White		Non-white	
		#	%	#	%
1967-1968	401	396	98.8	5	1.2
1970-1971	325	312	96.0	13	4.0
1972-1973	305	295	96.7	10	3.3

RACIAL CENSUS: ENROLLMENT CHANGE 1967-1972			
	#	%	% Change in Proportional Distribution
TOTAL	-96	-23.9	
White	-101	-25.5	-2.1
Non-white	+ 5	+100.0	+175.0

ELIGIBLE TRANSITIONAL BILINGUAL STUDENTS: 1973-74		
Language	Number of Students	Percent of Bilingual Enrollment
TOTAL	0	
Chinese		
French		
Greek		
Italian		
Portuguese		
Spanish		
Other		

School District #	199
School #	015

1973-74

School District: Needham

School Name: Dwight

No. & Street: 989 Central

City, State, Zip: Needham, Mass. 02192

Grade Organization: K-2

Facilities:

Initial Construction Date: 1938

Dates of Additions or Changes: 1951

Rooms, Instructional Use: 9

Rooms, Other Uses: 9

TOTAL 18

1973-74	
Federal Programs	
Title I:	
Type of Program:	
# of Students:	0
% School Enrollment:	
Lunch Program:	
# Students, Free:	0
# Students, Reduced Price:	1
TOTAL	1
% School Enrollment:	0.5
Bilingual Program:	
# Eligible Students:	0
% School Enrollment:	
METCO Interdistrict Program:	
# Students:	0
% School Enrollment:	

STAFF ETHNIC CENSUS: 1973-74													
Professional Staff	Census		Age				Years in Present System			Position			
	#	%	Under 26	26-34	35-55	56 & Over	Under 3	3-9	10 & Over	Administrators	Teachers	Teacher Aides	Other Professionals
TOTAL	9	100.0	0	2	5	2	2	3	4	1	8	0	0
White	8	88.9	0	1	5	2	1	3	4	1	7	0	0
Black	0		0	0	0	0	0	0	0	0	0	0	0
Spanish Surname	0		0	0	0	0	0	0	0	0	0	0	0
Asian-American	0		0	0	0	0	0	0	0	0	0	0	0
Native-American	0		0	0	0	0	0	0	0	0	0	0	0
Other	0		0	0	0	0	0	0	0	0	0	0	0

School District # 199
School # 015

STUDENT ETHNIC CENSUS: 1973-74							
	Total	White	Non-white	Non-white			
				Black	Native-American	Asian-American	Spanish Surname
Number	182	180	2	2	0	0	0
Percent	100.0	98.9	1.1	1.1			

RACIAL CENSUS: 1967-68, 1970-71, 1972-73					
Years	Total Enrollment	White	Non-white		
		#	%	#	%
1967-1968	255	255	100.0	0	
1970-1971	196	195	99.5	1	0.5
1972-1973	241	239	99.2	2	0.8

RACIAL CENSUS: ENROLLMENT CHANGE 1967-1972				
	#	%	% Change in Proportional Distribution	
TOTAL	-14	-5.5		
White	-16	-6.3		-0.8
Non-white	2	Undefined		Undefined

ELIGIBLE TRANSITIONAL BILINGUAL STUDENTS: 1973-74		
Language	Number of Students	Percent of Bilingual Enrollment
TOTAL	0	
Chinese		
French		
Greek		
Italian		
Portuguese		
Spanish		
Other		

METROPOLITAN PLANNING PROJECT/INDIVIDUAL SCHOOL PROFILE

School District # 199	
School # 020	
1973-74	
Federal Programs	
Title I:	
Type of Program:	Parent teaching planning and training
# of Students:	6
% School Enrollment:	1.7
Lunch Program:	
# Students, Free:	8
# Students, Reduced Price:	0
TOTAL	8
% School Enrollment:	2.3
Bilingual Program:	
# Eligible Students:	0
% School Enrollment:	
METCO Interdistrict Program:	
# Students:	18
% School Enrollment:	5.2

1973-74
School District: Needham
School Name: John Eliot
No. & Street: 135 Wellesley Avenue
City, State, Zip: Needham, Mass. 02194
Grade Organization: K-6
Facilities:
Initial Construction Date: 1955
Dates of Additions or Changes:

Rooms, Instructional Use: 25
Rooms, Other Uses: 13
TOTAL 38

[illegible]

		STUDENT ETHNIC CENSUS: 1973-74					School District # 199 School # 020	
		Total	White	Non-white	Non-white			
					Black	Native-American	Asian-American	Spanish Surname
Number	344		3.8	26	19	0	7	0
Percent	100.0		92.4	7.6	5.5		2.0	

RACIAL CENSUS: 1967-68, 1970-71, 1972-73					
Years	Total Enrollment	White	Non-white		
		#	%	#	%
1967-1968	390	383	98.2	7	1.8
1970-1971	353	341	96.6	12	3.4
1972-1973	338	324	95.9	14	4.1

RACIAL CENSUS: ENROLLMENT CHANGE 1967-1972			
	#	%	% Change in Proportional Distribution
TOTAL	-52	-13.3	
White	-59	-15.4	-2.3
Non-white	+ 7	+100.0	+127.8

ELIGIBLE TRANSITIONAL BILINGUAL STUDENTS: 1973-74		
Language	Number of Students	Percent of Bilingual Enrollment
TOTAL	0	
Chinese		
French		
Greek		
Italian		
Portuguese		
Spanish		
Other		

School District # 199
School # 025

1973-74
School District: Needham
School Name: Harris
No. & Street: 140 Beaufort Avenue
City, State, Zip: Needham, Mass. 02192
Grade Organization: K-6
Facilities:
Initial Construction Date: 1930
Dates of Additions or Changes: 1951, 1956
Rooms, Instructional Use: 10
Rooms, Other Uses: 8
TOTAL 18

1973-74	
Federal Programs	
Title I:	
Type of Program:	
% of Students:	0
% School Enrollment:	
Lunch Program:	
% School Enrollment:	0
# Students, Free:	1
# Students, Reduced Price:	1
TOTAL	0.4
% School Enrollment:	
Bilingual Program:	
# Eligible Students:	0
% School Enrollment:	
METCO Interdistrict Program:	
# Students:	0
% School Enrollment:	

STAFF ETHNIC CENSUS: 1973-74

[illegible]

School District # 199
School # 025

STUDENT ETHNIC CENSUS: 1973-74							
	Total	White	Non-white	Non-white			
				Black	Native-American	Asian-American	Spanish Surname
Number	234	227	7	1	0	3	3
Percent	100.0	97.0	3.0	0.4		1.3	1.3

RACIAL CENSUS: 1967-68, 1970-71, 1972-73					
Years	Total Enrollment	White		Non-white	
		#	%	#	%
1967-1968	257	257	100.0	0	
1970-1971	247	246	99.6	1	.4
1972-1973	242	240	99.2	2	.8

RACIAL CENSUS: ENROLLMENT CHANGE 1967-1972				
	#	%	% Change in Proportional Distribution	
TOTAL	-15	-5.8		
White	-17	-6.6	-0.8	
Non-white	2	Undefined	Undefined	

ELIGIBLE TRANSITIONAL BILINGUAL STUDENTS: 1973-74		
Language	Number of Students	Percent of Bilingual Enrollment
TOTAL	0	
Chinese		
French		
Greek		
Italian		
Portuguese		
Spanish		
Other		

School District # 199
School # 027

1973-74	School District: Needham
School Name:	Highland Avenue
No. & Street:	1292 Highland Avenue
City, State, Zip:	Needham, Mass. 02192
Grade Organization:	3-6
Facilities:	
Initial Construction Date:	1924
Dates of Additions or Changes:	
# Rooms, Instructional Use:	22
# Rooms, Other Uses:	15
TOTAL	37

1973-74	
Federal Programs	
Title I:	
Type of Program:	
# of Students:	0
% School Enrollment:	
Lunch Program:	
# Students, Free:	0
# Students, Reduced Price:	2
TOTAL	2
% School Enrollment:	0.6
Bilingual Program:	
# Eligible Students:	0
% School Enrollment:	
METCO Interdistrict Program:	
# Students:	0
% School Enrollment:	

No Staff Ethnic Census Data

[illegible]

School District # 199
School # 027

STUDENT ETHNIC CENSUS: 1973-74						
Total		White	Non-white	Black	Non-white	
					Native-American	Asian-American
						Spanish Surname
Number	330	325	5	2	0	3
Percent	100.0	98.5	1.5	0.6		0.9

RACIAL CENSUS: 1967-68, 1970-71, 1972-73					
Years	Total Enrollment	White		Non-white	
		#	%	#	%
1967-1968	468	465	99.4	3	.6
1970-1971	386	380	98.4	6	1.6
1972-1973	308	308	100.0	0	

RACIAL CENSUS: ENROLLMENT CHANGE 1967-1972			
	#	%	% Change in Proportional Distribution
TOTAL	-160	-34.2	
White	-157	-33.8	+0.6
Non-white	-3	-100.0	-100.0

ELIGIBLE TRANSITIONAL BILINGUAL STUDENTS: 1973-74		
Language	Number of Students	Percent of Bilingual Enrollment
TOTAL	0	
Chinese		
French		
Greek		
Italian		
Portuguese		
Spanish		
Other		

METROPOLITAN PLANNING PROJECT/INDIVIDUAL SCHOOL PROFILE

School District # 199
School # 030

1973-74
School District: Needham
School Name: High Rock
No. & Street: 77 Ferndale Road
City, State, Zip: Needham, Mass. 02192
Grade Organization: K-6
Facilities:
Initial Construction Date: 1951
Dates of Additions or Changes: 1953
Rooms, Instructional Use: 17
Rooms, Other Uses: 19
TOTAL 36

1973-74
Federal Programs
Title I:
Type of Program: Parent teacher planning and training program
of Students: 6
% School Enrollment: 1.7
Lunch Program:
Students, Free: 7
Students, Reduced Price: 0
TOTAL 7
% School Enrollment: 2.0
Bilingual Program:
Eligible Students: 0
% School Enrollment:
METCO Interdistrict Program:
Students: 0
% School Enrollment:

STAFF ETHNIC CENSUS: 1973-74														
Professional Staff	Census		Age				Years in Present System			Position				
	#	%	Under 26	26-34	35-55	56 & Over	Under 3	3-9	10 & Over	Administrators	Teachers	Teacher Aides	Other Professionals	
TOTAL	15	100.0	4	3	5	3	5	8	2	1	12	1	0	
White	14	93.3	3	3	5	3	4	8	2	1	11	1	0	
Black	1	6.7	1	0	0	0	1	0	0	0	1	0	0	
Spanish Surname	0		0	0	0	0	0	0	0	0	0	0	0	
Asian-American	0		0	0	0	0	0	0	0	0	0	0	0	
Native-American	0		0	0	0	0	0	0	0	0	0	0	0	
Other	0		0	0	0	0	0	0	0	0	0	0	0	

School District # 199
School # 030

STUDENT ETHNIC CENSUS: 1973-74					
	Total	White	Non-white	Non-white	
				Black	Native-American
					Asian-American
					Spanish Surname
Number	350	347	3	1	0
Percent	100.0	99.1	0.9	0.3	0.6

RACIAL CENSUS: 1967-68, 1970-71, 1972-73					
Years	Total Enrollment	White		Non-white	
		#	%	#	%
1967-1968	445	444	99.8	1	0.2
1970-1971	400	398	99.5	2	0.5
1972-1973	366	364	99.5	2	0.5

RACIAL CENSUS: ENROLLMENT CHANGE 1967-1972			
	#	%	% Change in Proportional Distribution
TOTAL	-79	-17.8	
White	-80	-18.0	-0.3
Non-white	+ 1	+100.0	+150.0

ELIGIBLE TRANSITIONAL BILINGUAL STUDENTS: 1973-74		
Language	Number of Students	Percent of Bilingual Enrollment
TOTAL	0	
Chinese		
French		
Greek		
Italian		
Portuguese		
Spanish		
Other		

School District # 199
School # 035

1973-74

School District:	Needham
School Name:	Hillside Elementary
No. & Street:	28 Glen Gary Road
City, State, Zip:	Needham, Mass. 02194
Grade Organization:	K-6
Facilities:	
Initial Construction Date:	1961
Dates of Additions or Changes:	1969
# Rooms, Instructional Use:	28
# Rooms, Other Uses:	16
TOTAL	44

1973-74	
Federal Programs	
Title I:	
Type of Program:	Parent teacher planning and training
# of Students:	6
% School Enrollment:	1.2
Lunch Program:	
# Students, Free:	17
# Students, Reduced Price:	0
TOTAL	17
% School Enrollment:	3.5
Bilingual Program:	
# Eligible Students:	0
% School Enrollment:	
METCO Interdistrict Program:	
# Students:	12
% School Enrollment:	2.5

[illegible]

School District # 199
School # 035

STUDENT ETHNIC CENSUS: 1973-74							
	Total	White	Non-white	Non-white			
				Black	Native-American	Asian-American	Spanish Surname
Number	481	458	23	14	1	8	0
Percent	100.0	95.2	4.8	2.9	0.2	1.7	

RACIAL CENSUS: 1967-68, 1970-71, 1972-73					
Years	Total Enrollment	White		Non-white	
		#	%	#	%
1967-1968	414	411	99.3	3	0.7
1970-1971	489	487	99.6	2	0.4
1972-1973	485	463	95.6	22	4.5

RACIAL CENSUS: ENROLLMENT CHANGE 1967-1972				
	#	%	% Change in Proportional Distribution	
TOTAL	+ 71	+17.1		
White	+ 52	+12.7	-3.7	
Non-white	+ 19	+633.3	+542.9	

ELIGIBLE TRANSITIONAL BILINGUAL STUDENTS: 1973-74		
Language	Number of Students	Percent of Bilingual Enrollment
TOTAL	0	
Chinese		
French		
Greek		
Italian		
Portuguese		
Spanish		
Other		

METROPOLITAN PLANNING PROJECT/INDIVIDUAL SCHOOL PROFILE

School District # 199	
School # 040	
1973-74	
Federal Programs	
Title I:	
Type of Program:	
# of Students:	0
% School Enrollment:	
Lunch Program:	
# Students, Free:	1
# Students, Reduced Price:	0
TOTAL	1
% School Enrollment:	0.2
Bilingual Program:	
# Eligible Students:	0
% School Enrollment:	
METCO Interdistrict Program:	
# Students:	0
% School Enrollment:	

1973-74	
School District:	Needham
School Name:	William Mitchell
No. & Street:	187 Brookline
City, State, Zip:	Needham, Mass. 02192
Grade Organization:	K-6
Facilities:	
Initial Construction Date:	1949
Dates of Additions or Changes:	1959, 1969
# Rooms, Instructional Use:	28
# Rooms, Other Uses:	19
TOTAL	47

[illegible]

School District # 199
School # 040

STUDENT ETHNIC CENSUS: 1973-74					
	Total	White	Non-white	Non-white	
				Black	Native-American
					Asian-American
					Spanish Surname
Number	540	538	2	2	0
Percent	100.0	99.6	0.4		0

RACIAL CENSUS: 1967-68, 1970-71, 1972-73					
Years	Total Enrollment	White		Non-white	
		#	%	#	%
1967-1968	451	451	100.0	0	
1970-1971	608	602	99.0	6	1.0
1972-1973	554	554	100.0	0	

RACIAL CENSUS: ENROLLMENT CHANGE 1967-1972				
	#	%	% Change in Proportional Distribution	
TOTAL	+ 103	+22.8		
White	+ 103	+22.8	0.0	
Non-white	0	0.0	0.0	

ELIGIBLE TRANSITIONAL BILINGUAL STUDENTS: 1973-74		
Language	Number of Students	Percent of Bilingual Enrollment
TOTAL	0	
Chinese		
French		
Greek		
Italian		
Portuguese		
Spanish		
Other		

METROPOLITAN PLANNING PROJECT/INDIVIDUAL SCHOOL PROFILE

School District # 199		School # 045	
1973-74			
Federal Programs			
Title I:		Parent teacher planning and training program	
Type of Program:			
# of Students:	5		
% School Enrollment:	1.1		
Lunch Program:			
# Students, Free:	5		
# Students, Reduced Price:	0		
TOTAL	5		
% School Enrollment:	1.1		
Bilingual Program:			
# Eligible Students:	0		
% School Enrollment:			
METCO Interdistrict Program:			
# Students:	7		
% School Enrollment:	1.6		

1973-74
School District: Needham
School Name: Stephen Palmer
No. & Street: 84 May
City, State, Zip: Needham, Mass. 02192
Grade Organization: K-6
Facilities:
Initial Construction Date: 1914
Dates of Additions or Changes: 1924
Rooms, Instructional Use: 23
Rooms, Other Uses: 11
TOTAL 34

[illegible]

School District # 199
School # 045

STUDENT ETHNIC CENSUS: 1973-74							
	Total	White	Non-white	Non-white			
				Black	Native-American	Asian-American	Spanish Surname
Number	442	435	7	3	0	4	0
Percent	100.0	98.4	1.6	0.7		0.9	

RACIAL CENSUS: 1967-68, 1970-71, 1972-73					
Years	Total Enrollment	White		Non-white	
		#	%	#	%
1967-1968	517	516	99.8	1	0.2
1970-1971	399	398	99.7	1	0.3
1972-1973	451	445	98.7	6	1.3

RACIAL CENSUS: ENROLLMENT CHANGE 1967-1972			
	#	Z	% Change in Proportional Distribution
TOTAL	-66	-12.8	
White	-71	-13.8	-1.1
Non-white	+ 5	+500.0	+550.0

ELIGIBLE TRANSITIONAL BILINGUAL STUDENTS: 1973-74		
Language	Number of Students	Percent of Bilingual Enrollment
TOTAL	0	
Chinese		
French		
Greek		
Italian		
Portuguese		
Spanish		
Other		

METROPOLITAN PLANNING PROJECT/INDIVIDUAL SCHOOL PROFILE

School District #	199
School #	405
1973-74	
Federal Programs	
Title I:	
Type of Program:	Parent teacher planning
# of Students:	12
% School Enrollment:	1.4
Lunch Program:	
# Students, Free:	6
# Students, Reduced Price:	0
TOTAL	6
% School Enrollment:	0.7
Bilingual Program:	
# Eligible Students:	0
% School Enrollment:	
METCO Interdistrict Program:	
# Students:	0
% School Enrollment:	

1973-74	
School District:	Needham
School Name:	Derwood A. Newman Jr.
No. & Street:	1155 Central Avenue
City, State, Zip:	Needham, Mass. 02192
Grade Organization:	7-9
Facilities:	
Initial Construction Date:	1962
Dates of Additions or Changes:	
# Rooms, Instructional Use:	46
# Rooms, Other Uses:	39
TOTAL	85

[illegible]

School District # 199
School # 405

STUDENT ETHNIC CENSUS: 1973-74

	Total	White	Non-white	Non-white			
				Black	Native-American	Asian-American	Spanish Surname
Number	878	872	6	3	0	2	1
Percent	100.0	99.3	0.7	0.3		0.2	0.1

RACIAL CENSUS: 1967-68, 1970-71, 1972-73

Years	Total Enrollment	White		Non-white	
		#	%	#	%
1967-1968	912	908	99.6	4	0.4
1970-1971	965	956	99.1	9	0.9
1972-1973	872	862	98.9	10	1.1

RACIAL CENSUS: ENROLLMENT CHANGE 1967-1972

	#	%	% Change in Proportional Distribution
TOTAL	-40	-4.4	
White	-46	-5.1	-0.7
Non-white	+ 6	+150.0	+175.0

ELIGIBLE TRANSITIONAL BILINGUAL STUDENTS: 1973-74

Language	Number of Students	Percent of Bilingual Enrollment
TOTAL	0	
Chinese		
French		
Greek		
Italian		
Portuguese		
Spanish		
Other		

METROPOLITAN PLANNING PROJECT/INDIVIDUAL SCHOOL PROFILE

1973-74

School District: Needham

School Name: Pollard Jr. High

No. & Street: 200 Harris Avenue

City, State, Zip: Needham, Mass. 02192

Grade Organization: 7-9

Facilities:

Initial Construction Date: 1959

Dates of Additions or Changes: 1970

Rooms, Instructional Use: 62

Rooms, Other Uses: 35

TOTAL 97

School District # 199

School # 410

1973-74

Federal Programs

Title I:

Type of Program: Parent teacher planning and training program

of Students: 12

% School Enrollment: 1.2

Lunch Program:

Students, Free: 12

Students, Reduced Price: 0

TOTAL 12

% School Enrollment: 1.1

Bilingual Program:

Eligible Students: 0

% School Enrollment: 0

METCO Interdistrict Program:

Students: 14

% School Enrollment: 1.3

STAFF ETHNIC CENSUS: 1973-74													
Professional Staff	Census		Age				Years in Present System			Position			
	#	%	Under 26	26-34	35-55	56 & Over	Under 3	3-9	10 & Over	Administrators	Teachers	Teacher Aides	Other Professionals
TOTAL	72	100.0	11	28	28	2	25	33	11	2	58	1	11
White	69	95.8	11	26	27	2	25	30	11	2	55	1	11
Black	1	1.4	0	1	0	0	0	1	0	0	1	0	0
Spanish Surname	0		0	0	0	0	0	0	0	0	0	0	0
Asian-American	0		0	0	0	0	0	0	0	0	0	0	0
Native-American	0		0	0	0	0	0	0	0	0	0	0	0
Other	1	1.4	0	0	1	0	0	1	0	0	1	0	0

School District # 199 School # 410

STUDENT ETHNIC CENSUS: 1973-74							
	Total	White	Non-white	Non-white			
				Black	Native-American	Asian-American	Spanish Surname
Number	1040	1016	24	17	0	5	2
Percent	100.0	97.7	2.3	1.6		0.5	0.2

RACIAL CENSUS: 1967-68, 1970-71, 1972-73					
Years	Total Enrollment	White		Non-white	
		#	%	#	%
1967-1968	836	832	99.5	4	0.5
1970-1971	927	923	99.6	4	0.4
1972-1973	1052	1034	98.3	18	1.7

RACIAL CENSUS: ENROLLMENT CHANGE 1967-1972			
	#	%	% Change in Proportional Distribution
TOTAL	+216	+25.8	
White	+202	+24.3	-1.2
Non-white	+14	+350.0	+240.0

ELIGIBLE TRANSITIONAL BILINGUAL STUDENTS: 1973-74		
Language	Number of Students	Percent of Bilingual Enrollment
TOTAL	0	
Chinese		
French		
Greek		
Italian		
Portuguese		
Spanish		
Other		

School District # 199
School # 410

STUDENT ETHNIC CENSUS: 1973-74				
Total	White	Non-white	Non-white	
			Black	Native-American
Number	1016	24	17	0
Percent	97.7	2.3	1.6	0.5
				Spanish Surname
				2
				0.2

RACIAL CENSUS: 1967-68, 1970-71, 1972-73					
Years	Total Enrollment	White		Non-white	
		#	%	#	%
1967-1968	836	832	99.5	4	0.5
1970-1971	927	923	99.6	4	0.4
1972-1973	1052	1034	98.3	18	1.7

RACIAL CENSUS: ENROLLMENT CHANGE 1967-1972			
	#	%	% Change in Proportional Distribution
TOTAL	+216	+25.8	
White	+202	+24.3	-1.2
Non-white	+14	+350.0	+240.0

ELIGIBLE TRANSITIONAL BILINGUAL STUDENTS: 1973-74		
Language	Number of Students	Percent of Bilingual Enrollment
TOTAL	0	
Chinese		
French		
Greek		
Italian		
Portuguese		
Spanish		
Other		

METROPOLITAN PLANNING PROJECT/INDIVIDUAL SCHOOL PROFILE

School District # 199
School # 505

1973-74
School District: Needham
School Name: Needham High
No. & Street: 609 Webster
City, State, Zip: Needham, Mass. 02192
Grade Organization: 10-12
Facilities:
Initial Construction Date: 1930
Dates of Additions or Changes: 1954, 1966
Rooms, Instructional Use: 93
Rooms, Other Uses: 63
TOTAL 156

1973-74
Federal Programs
Title I:
Type of Program:
of Students: 0
% School Enrollment:
Lunch Program:
Students, Free: 6
Students, Reduced Price: 0
TOTAL 6
% School Enrollment: 0.3
Bilingual Program:
Eligible Students: 0
% School Enrollment:
METCO Interdistrict Program:
Students: 1
% School Enrollment: 0.1

STAFF ETHNIC CENSUS: 1973-74													
Professional Staff	Census		Age				Years in Present System			Position			
	#	%	Under 26	26-34	35-55	56 & Over	Under 3	3-9	10 & Over	Administrators	Teachers	Teacher Aides	Other Professionals
TOTAL	143	100.0	6	52	61	11	22	66	42	15	109	2	17
White	136	95.1	5	50	58	11	20	62	42	15	102	2	17
Black	0	0.0	0	0	0	0	0	0	0	0	0	0	0
Spanish Surname	1	0.7	0	1	0	0	0	1	0	0	1	0	0
Asian-American	0	0.0	0	0	0	0	0	0	0	0	0	0	0
Native-American	0	0.0	0	0	0	0	0	0	0	0	0	0	0
Other	1	0.7	0	1	0	0	0	1	0	0	2	0	0

School District # 199
School # 505

STUDENT ETHNIC CENSUS: 1973-74					
Total		White	Non-white	Non-white	
				Black	Native-American Asian-American Spanish Surname
Number	1877	1866	11	5	0 6 0
Percent	100.0	99.4	0.6	0.3	0.3

RACIAL CENSUS: 1967-68, 1970-71, 1972-73					
Years	Total Enrollment	White		Non-white	
		#	%	#	%
1967-1968	1490	1478	99.2	12	0.8
1970-1971	1840	1804	98.0	36	2.0
1972-1973	1897	1881	99.2	16	0.8

RACIAL CENSUS: ENROLLMENT CHANGE 1967-1972			
TOTAL	#	%	% Change in Proportional Distribution
	+ 407	+27.3	
White	+ 403	+27.3	0.0
Non-white	+ 4	+33.3	0.0

FOLLOW UP OF HIGH SCHOOL GRADUATES: 1968, 1972					
Post High School Placement	Class of				
	1968		1972		
	#	%	#	%	
4-yr. State College	14	3.3	92	16.3	
4-yr. Other College	235	54.7	223	39.5	
2-yr. State College	5	1.2	24	5.1	
2-yr. Other College	39	9.1	43	7.6	
Nurses Training	3	0.7	7	1.2	
Other Post Secondary	62	14.4	46	8.1	
Military	19	4.4	6	1.0	
Work	24	5.6	79	14.0	
Other	29	6.7	40	7.1	
TOTAL	430	100.0	565	100.0	

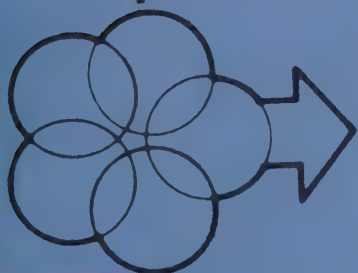
ELIGIBLE TRANSITIONAL BILINGUAL STUDENTS: 1973-74		
Language	Number of Students	Percent of Bilingual Enrollment
TOTAL	0	
Chinese		
French		
Greek		
Italian		
Portuguese		
Spanish		
Other		

METRO WAYS TO UNDERSTANDING

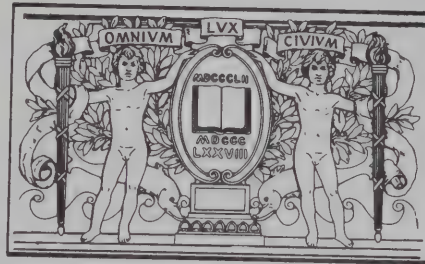
A PLAN FOR THE VOLUNTARY ELIMINATION OF
RACIAL AND ETHNIC ISOLATION IN THE SCHOOLS
OF THE BOSTON METROPOLITAN AREA

VOLUME III COMMUNITY PROFILES

CITY OF
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THE METROPOLITAN PLANNING PROJECT



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METRO WAYS TO UNDERSTANDING:

A Plan for the Voluntary Elimination of
Racial and Ethnic Isolation in the Schools of
The Boston Metropolitan Area

VOLUME III THE COMMUNITY PROFILES

Community Profile # 207
City of Newton

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1973-74

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ABSTRACT

The Metropolitan Planning Project is a collaborative effort of 17 school districts supported by an additional 39 approving school districts within the Boston Metropolitan Area. Its mandate is to develop a Ten Year Plan for the phased elimination of racial and ethnic isolation in the area's schools through voluntary school district collaboration. The Project is funded by the U.S. Office of Education under the Emergency School Aid Act of 1972.

METROWAYS TO UNDERSTANDING: A Plan for the Voluntary Elimination of Racial and Ethnic Isolation in the Schools of the Boston Metropolitan Area is a phased Ten Year Plan which is a result of the process that the Metropolitan Planning Project has undergone during this year of planning. The Project has worked to achieve effective community participation in an effort to design quality learning environment programs for students. As a result of a city and suburban exchange of ideas, the Metropolitan Planning Project has helped to promote the development of over 78 proposals in 32 cities and towns for the design of new innovative learning environments. With a \$300,000 allocation for pilot programming, 14 pilot projects were funded to test MPP objectives. The projects included students from pre-kindergarten through high school age. The focus ranged from American history, art, ecology, energy, comparative life styles to Afro-American, Hispanic, Native-American, and Chinese-American cultures.

The Project has also compiled extensive data on the educational, demographic, housing, fiscal, socio-economic, land use and ethnic and racial characteristics of the 78 towns and cities in the greater Boston standard metropolitan statistical area (SMSA). This information was developed as a needs analysis and resource inventory and has been utilized in the development of the recommended educational programs. It provides the basis for program implementation. The Ten Year Plan METROWAYS TO UNDERSTANDING is aimed at promoting voluntary collaboration between urban and suburban school districts and includes the involvement of students, parents, teachers, school principals, superintendents, community organizations and others concerned with education.

During the 1974-75 school year, the Metropolitan Planning Project will pilot some of the policy recommendations developed through this participatory planning process. These recommendations include:

METROPATHWAYS - Quality innovative educational programs which will be accessible to secondary school students of different socio-economic, racial, and ethnic background within the metropolitan area by utilizing mass transit routes.

METROPAIRWAYS - Parents and school personnel from pairs or triads of city and suburban districts will meet to formulate educational programs of equal benefit to the students. Learning centers will be developed in two or three schools and each will serve as a supplement to the educational quality of each individual school.

METROETHNIC HERITAGE RESOURCE CENTERS - These will be coordinated within METROCENTER and will promote the study, compilation, production and distribution of materials and information related to minorities and ethnic groups of the SMSA. It will also be an action program for the development of other resource centers in the metropolitan area.

METROCENTER FOR COMMUNICATIONS, COUNSELLING, AND RESOURCE DEVELOPMENT - This center will coordinate the metropolitan educational programs and serve as an information and resource "bank" for students, parents, community groups and educators throughout the metropolitan area who wish to be involved in urban-suburban educational programs and staff development programs aimed at eliminating racial and ethnic isolation of students.

ACKNOWLEDGEMENT

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INTRODUCTION TO THE NOTES AND SOURCES FOR THE COMMUNITY PROFILES

The Community Profiles were developed for the 78 municipalities that comprise the study area of the Metropolitan Planning Project (MPP). The study area is defined as the 1963 Boston standard metropolitan statistical area (SMSA) boundaries. The Profiles were prepared to meet the mandate of Objective B of the Support Research component of the MPP proposal. This mandate is:

To develop profiles and analysis of social, ethnic, economic, and educational characteristics of the metropolitan area and of its individual communities.

The purpose of these profiles are to serve as the data base for the Ten Year Plan and to develop information for the implementation of educational programs through the analyses of the interaction between the education system and related urban functional systems.

A Community Profile was developed for each of the following cities and towns:

Arlington	Lexington	Randolph
Ashland	Lincoln	Reading
	Lynn	Revere
Bedford	Lynnfield	Rockland
Belmont		
Beverly	Malden	Salem
Boston	Manchester	Saugus
Braintree	Marblehead	Scituate
Brookline	Marshfield	Sharon
Burlington		Sherborn
	Medfield	Somerville
Cambridge	Medford	Stoneham
Canton	Melrose	Sudbury
Chelsea	Middleton	Swampscott
Cohasset	Millis	
Concord	Milton	Topsfield
Danvers	Nahant	Wakefield
Dedham	Natick	Walpole
Dover	Needham	Waltham
Duxbury	Newton	Watertown
	Norfolk	Wayland
Everett	North Reading	Wellesley
	Norwell	Wenham
Framingham	Norwood	Weston
		Westwood
Hamilton	Peabody	Weymouth
Hanover	Pembroke	Wilmington
Hingham		Winchester
Holbrook	Quincy	Winthrop
Hull		Woburn

There are also Profiles for each of the following regional school districts:

Dover-Sherborn
Experimental School System of the Commonwealth of Massachusetts
Hamilton-Wenham
Lincoln-Sudbury
North Shore Regional Vocational

The information in the Community Profiles assess the needs and resources of each community. It is helpful in planning for the future of each school system as well as in the development of educational curricula and programs. These will utilize school and community based resources for metropolitan educational programs for the elimination of racial and ethnic student isolation in the school districts of the SMSA. More detailed analyses of each of these communities, including a series of tables comparing these school districts and an "Analyses of Grouped Communities", are found in earlier Volumes.

These notes were prepared so that persons interested in obtaining further detailed information or in updating present data can easily do so. The source of the information and where it is located is given for each table. Non-classified government information is available by public law to all persons. This includes individual public school records as well as municipal, county, state, and federal data.

There are two sections of the Community Profiles. The first section, Community Profiles, displays educational and educational-related information about the community. The second section, Individual School Profiles, displays educational information about each individual school in the district. The page number at the beginning of a table corresponds to the page number of the Community Profile. Each Individual School Profile is 2 pages and notes for the tables are consistent with this format.

NOTES AND SOURCES FOR THE COMMUNITY PROFILES

EDUCATIONAL CHARACTERISTICS

PAGE 1 - NUMBER OF SCHOOLS AND ENROLLMENT

By Type of School: 1973-74

The information on the total number of schools in a school district, as well as the number of Elementary, Junior High, High Schools, Special and Ungraded, Regional, and Vocational Schools in a district, were obtained from the Massachusetts State Department of Education, Bureau of Educational Information Services, Massachusetts School Directory 1973-74. This publication lists the name, address, and grade organization of each school in the Commonwealth. It notes which schools are Special, Ungraded, Regional, or Vocational. Elementary Schools are those schools composed of one or all the grades K through 5 or grades K through 6. Junior High Schools are those schools composed of one or all the grades 6 through 8; schools with grades 5-6, 5-7, 5-8, and 7-9 are counted as Junior High Schools. High Schools are those schools composed of one or all of the grades 9 through 12.

The "Total", "White", and "Non-white" enrollments for each type of school were obtained from a survey conducted by the Massachusetts State Department of Education, Division of Research, Planning, and Evaluation, Enrollment by Classification, Exhibit II, 1973-74. The enrollments for all Elementary Schools, Junior High Schools, High Schools, Special and Ungraded Schools, Regional Schools, and Vocational Schools in a school district which is recorded in this table were totalled by the Metropolitan Planning Project (MPP) support research staff.

PAGE 1 - SCHOOL ATTENDING CHILDREN IN PUBLIC and Non-public Schools

This information was obtained from the Commonwealth of Massachusetts, Annual Report of the State Department of Education for the Year Ending June 30, 1968; Annual Report ... June 30, 1971; and Annual Report ... June 30, 1973. The percentage of "Public" and "Non-public" school attending children were calculated by the MPP support research staff.

PAGE 1 - EDUCATIONAL COLLABORATIVE PARTICIPATION 1973-74

The educational collaboratives listed in this table were found in the following sources:

The Massachusetts State Department of Education, Bureau of Educational Information Services, Massachusetts School Directory, 1973-74; Institute for Educational Services, Inc., "Survey on Collaboration", 1971; Metropolitan Planning Project Support Research Component Telephone Survey, 1974; Massachusetts State Department of Education, Division of Curriculum and Instruction, Kaleidoscope 7, 1973,

Other educational collaboratives in the Boston metropolitan area were not available from these sources.

PAGE 1 - 1970 CENSUS: SCHOOL ENROLLMENT FOR
Level and Type of School by Race
(Population 3 - 34 years)

This information was obtained from the United States Department of Commerce, Bureau of the Census, 1970 Census of Population and Housing. U.S. Census information is available in published monographs, which are available at libraries and governmental agencies, and on computer tapes. The data on computer tape is organized into sequences and each sequence is referred to as a "count". Within each "count", the data is subdivided into tables, and each table has been given a number and title. The information in this table was obtained from the 4th Count Population Summary Tapes for Massachusetts, Table 38, "Population 3 Years Old and Over Enrolled in School by Level and Type of School." This information was based on a 15 percent sample survey. The percentages may not add up to 100 percent because of rounding. An N.A. indicates that this information was not available for the school district. The "Spanish-American" category includes people who are both "White" and "Black" according to the Census definition so that the total of the "White", "Black" and "Spanish-American" columns will never equal the "Total" population column.

PAGE 1 - FEDERALLY-FUNDED PROGRAMS: 1973-74

The information on Title I students in each school district was obtained from the Massachusetts State Department of Education, Division of Curriculum and Instruction, Bureau of Curriculum Services, Title I ESEA, "Unpublished Title I Program Documents, 1973-74". The Title III information was obtained from the Massachusetts State Department of Education, Division of Curriculum and Instruction, Bureau of Curriculum Services, Title III ESEA, Kaleidoscope 7, 1973 and the Metropolitan Planning Project support research staff telephone survey of Title III Program Directors, July-August, 1974. The percent total enrollment was calculated by dividing the number of students in Title I and III programs by the total number of students in the district during the 1973-74 school year. The total number of students was obtained from the Massachusetts

State Department of Education, Division of Research, Planning, and Evaluation, Enrollment by Classification, Exhibit II, 1973-74. This is the same total that appears in the "Student Ethnic Census: 1973-74" table on page 2.

The Title I and Title III programs are funded by the U.S. Office of Education and were enacted by the U.S. Congress as part of the 1965 Elementary and Secondary Education Act (ESEA). The Title I program provides assistance for "educationally deprived and neglected and delinquent children." The Title III program "supports proposals to advance creativity in education."

PAGE 2 - RACIAL CENSUS: 1967-68; 1970-71; 1972-73

The information on the "Total", "White", and "Non-white" enrollments for these three school years was obtained from the Massachusetts State Department of Education, Division of Research, Planning, and Evaluation, Racial Census, October, 1967; Racial Census, October, 1970; and Racial Census, October, 1972. The Racial Census does not indicate which students were considered "White" and which were considered "Non-white".

PAGE 2 - RACIAL CENSUS: ENROLLMENT CHANGE 1967-1972

These figures were calculated from the previous table by the MPP support research staff. The figures under the number sign (#) column were calculated by subtracting from the "Total", "White" or "Non-white" enrollment for the 1972-73 school year the "Total", "White" or "Non-white" enrollment for the 1967-68 school year. For example, if the 1972-73 total enrollment was 100 students and the 1967-68 enrollment was 50 students, the enrollment change would be +50(100-50) and this figure would appear in the appropriate box. The figures under the percent (%) column were derived by dividing the difference between the 1972-73 and 1967-68 enrollment by the 1967-68 enrollment. If the difference, for example, between the 1972-73 and 1967-68 enrollments was +50 and the 1967-68 enrollment was 50, the percent change would be +100 (+50/50). The figures under the "% Change in Proportional Distribution" column were calculated as follows:

The "% White" (or "% Non-white") for 1972-73 was subtracted from the "% White" (or "% Non-white") for 1967-68.

This difference was divided by the "% White"(or "% Non-white") for 1967-68 and this is the figure that was recorded. For example, if the "% White" in 1967-68 was 75% and the "% White" in 1972-73 was 50%, the "% Change in Proportional Distribution" would be calculated as follows:
$$(50-75)/75 = (-25)/75 = -0.33.$$

Since the percent "Total Enrollment" is always 100%, no "% Change in Proportional Distribution" was calculated or recorded for "Total Enrollment". If there is a percent change from 0 to any number the "% Change in Proportional Distribution" is mathematically undefined. This is noted by the word "Undefined".

PAGE 2 - STUDENT ETHNIC CENSUS: 1973-74

This information was obtained from the Massachusetts State Department of Education, Division of Research, Planning, and Evaluation, Enrollment by Classification, Exhibit II, 1973-74. The figures in the "White" column include white students and students of racial backgrounds other than "Black", "Native-American", "Asian-American", and "Spanish Surname". "Spanish Surname" students were placed in the "Non-white" category.

PAGE 2 - FOLLOW-UP OF HIGH SCHOOL GRADUATES: 1968; 1972

The information on the post high school placement of 1968 graduates was obtained from the Massachusetts State Department of Education, Division of Research, Planning, and Evaluation, Distribution of Graduating Class, 1969. The number of students in each of the various placement categories may not equal the total number of high school graduates because information on all placements was not available. Some of the school districts are members of regional high schools so that information on their high school students would be included in the regional high school data. There is, therefore, no information recorded for the following school districts (the name of the regional high school their students attend is in parentheses):

Concord (Concord-Carlisle Regional High School)
Dover (Dover-Sherborn Regional High School)
Hamilton (Hamilton-Wenham Regional High School)
Lincoln (Lincoln-Sudbury Regional High School)
Middleton (Masconomet Regional High School)
Nahant (all Nahant high school students attend high schools in Lynn)
Norfolk (King Philip Regional High School)
Sherborn (Dover-Sherborn Regional High School)
Sudbury (Lincoln-Sudbury Regional High School)
Topsfield (Masconomet Regional High School)
Wenham (Hamilton-Wenham Regional High School)

If there was no information available on high school graduates in a particular district, this is noted by an N.A. in the first column (under the # sign). The information on the 1972 graduates was obtained from the Massachusetts State Department of Education, Division of Research, Planning, and Evaluation, Distribution of High School Graduates, Class of 1972, Fall 1973. The districts which sent their high school students to regional schools in 1968 remained the same and, therefore, no information on 1972 high school graduates for these districts is recorded. In addition to these districts, there will be no information for Pembroke since their high school students now attend Silver Lake Regional High School. The percentages in the 1972 column may not add up to 100% because of rounding.

PAGE 2 - ELIGIBLE TRANSITIONAL BILINGUAL STUDENTS: 1973-74

The number of students eligible for a transitional bilingual program was obtained from the Massachusetts State Department of Education, Bureau of Transitional Bilingual Education, Census of Children of Limited English Speaking Ability on October 1, 1973, under Chapter 71A, Act of 1971. This Census of all public school students is conducted each year in order to determine how many students are of limited English speaking ability as defined in Chapter 71A and, thus, eligible for transitional bilingual classes. The "Percent of Bilingual Enrollment" was calculated by the MPP support research staff by dividing the number of students in each language category, such as "Chinese" or "French" by the "Total" number of eligible bilingual students.

PAGE 3 - PUBLIC SCHOOL STUDENT ENROLLMENTS: 1964 - 1982

Past Enrollments: 1964 - 1972

Projected Enrollments: 1973 - 1982

This information was prepared for the Metropolitan Planning Project by the Organization for Social and Technical Innovation, Inc. (OSTI).

These enrollment projections are based on time-series enrollment data from 1964 through 1972, obtained from the Massachusetts State Department of Education, Division of Research, Planning and Evaluation. The source of the historical enrollment data for the forecast categories "Total K-12", "Total K-6", "Total 7-12", "White K-12" and "Non-white K-12" was the superintendent's report entitled Census Report.

The numbers in parentheses under each forecast category represents the R^2 (coefficient of determination) for that particular projected enrollment series. It is presented to indicate a rough sense of the reliability of each forecast -- R^2 's of .8 or .9 are very reliable, R^2 's of .5, .6, or .7 are good, and R^2 's of .4 or less are unreliable. When the projections for subcategories (for example, "White K-12" and "Non-white K-12" are subcategories of "Total K-12") are totaled, they do not necessarily equal the projected enrollment figures for the total category. This is because each forecast category was projected independently from the others and the projections selected are not necessarily each derived from the same mathematical equation, since the best projection was selected for each forecast category largely independent of the projections selected for other forecast categories.

School districts with no projections presented or particular forecast categories left blank means the projection here was entirely unsuccessful, sometimes for mathematical reasons, sometimes because of missing years of historical data, and sometimes because of almost certain incorrect historical enrollment data.

PAGE 4 - NUMBER OF TEACHERS BY RACE: 1972-73

This information was obtained from the U.S. Department of Health, Education, and Welfare, Office for Civil Rights, Directory of Public Elementary and Secondary

Schools in Selected Districts, Enrollment and Staff by Racial/Ethnic Group, Fall, 1974. Since this information was collected from selected school districts, data was only available for 68 of the 83 Boston metropolitan area districts. MPP support research staff contacted the remaining districts to complete the survey. The following school districts provided this information:

Cohasset
Dover
Dover-Sherborn Regional High School
Experimental School System of the Commonwealth of Massachusetts
Hamilton-Wenham Regional High School
Holbrook
Manchester
Nahant
Topsfield
Wenham

An N.A. indicates that this information was not available for the school district. Spanish Surname teachers were placed in the "Non-white" category.

PAGE 4 - NUMBER OF TEACHERS, TEACHER-AIDES, AND OTHER PROFESSIONAL STAFF: 1973-74

This information was obtained from the U.S. Equal Employment Opportunity Commission, Elementary-Secondary Staff Information (EEO-5), October 1, 1973. Since this information was collected on a selected school district basis, the MPP support research staff surveyed the remaining districts to obtain this information. The following school districts provided this information:

Ashland
Beverly
Braintree
Cohasset
Experimental School System of the Commonwealth of Massachusetts
Framingham
Hamilton-Wenham Regional High School
Manchester
Medfield
Medford
Middleton
Millis
Nahant
Norfolk
Pembroke
Saugus
Sherborn
Sudbury
Topsfield
Walpole

The "Other Professional Staff" category include the following staff positions: Officials, Administrators, Managers, Principals, Assistant Principals, Guidance Personnel, Psychologists, Librarians, Supervisors of Instruction, and all other professional staff. An N.A. indicates that this information was not available for the school district.

PAGE 5 - SELECTED FINANCIAL CHARACTERISTICS

The information on "% Municipal Tax Dollar Spent on Education" was obtained from the Commonwealth of Massachusetts, Annual Report of the Department of Education for the Year Ending June 30, 1968; Annual Report ... June 30, 1971; Annual Report ... June 30, 1973.

The "% Municipal Tax Dollar Spent on Education" was calculated by the MPP support research staff by dividing the school tax rate by the general tax rate. For example, if the school tax rate in a town was \$24 and the total tax rate was \$48, the "% Municipal Tax Dollar Spent on Education" would be 50% (24/48).

The information on "Comprehensive Per Pupil Expenditure" was obtained from the Massachusetts State Department of Education, Division of Research, Planning, and Evaluation, Per Pupil Expenditures 1967-68; Per Pupil ... 1970-71; Per Pupil ... 1972-73. This per pupil expenditure is the integrated per pupil cost for the Regular Day, Vocational Day, and Special Education Programs and pro-rated Regional School Expenditures divided by the average membership of students in those programs.

The information on "Public School Attending Children Transported at Public Expense" was obtained from the Commonwealth of Massachusetts, Annual Report of the Department of Education for the Year Ending June 30, 1968; Annual Report ... June 30, 1971; Annual Report ... June 30, 1973. Discrepancies may appear in this table because the data received was unaudited.

The information on "Computative Equalized Property Valuation per School Attending Child" was obtained from the Massachusetts State Department of Education, Division of Research, Planning, and Evaluation, School Aid to Massachusetts Cities and Towns, (Chapter 70 Amended), 1967-68; School Aid ... 1970-71; School Aid ... 1972-73. Computative equalized property valuation for any one year is equal to the equalized property valuation the previous calendar year divided by the number of school attending children for that school year. For example, the computative equalized valuation for 1967-68 is derived by dividing the equalized property valuation for 1966 by the number of school attending children for 1967-68.

PAGE 5 - TAX RATE

This information was obtained from the Massachusetts Teachers Association, Background Data for Massachusetts School Districts 1973, Research Bulletin 734-9, 1973. The official tax rate is equal to a city or town's budget needs divided by the assessed value (tax rate=budget needs/assessed value). The equalized

tax rate is equal to the town's budget needs divided by the true market value of property in a city or town, as determined by the Massachusetts Department of Corporations and Taxation (equalized tax rate=budget needs/full market value). The tax rate indicates the number of dollars per \$1,000 of assessed valuation a person or corporation would be taxed on property owned.

PAGE 5 - SCHOOL TAX RATE

This information was obtained from the Massachusetts Teachers Association, Background Data for Massachusetts School Districts 1973, Research Bulletin 734-9, 1973. The official school tax rate is equal to a city or town's school budget needs divided by the assessed value (school tax rate=school budget needs/assessed value). The equalized school tax rate is equal to the town's school budget needs divided by the true market value of property in a city or town, as determined by the Massachusetts Department of Corporations and Taxation (equalized school tax rate=school budget needs/full market value). The school tax rate indicates the number of dollars per \$1,000 of assessed valuation a person or corporation would be taxed on property owned.

PAGE 5 - 1973 MOODY'S BOND RATING

This information was obtained from Moody's Investor Service, Moody's Bond Record, December 1973. The bonds were rated by Moody's Investor Service in the following order, with the first rating assigned to the bonds judged to be of highest quality and the last rating assigned to bonds judged to be of lowest quality:

Aaa	Baa	Caa
Aa	Ba	Ca
A	B	C

The bonds in the A and Baa groups which Moody's determined had the strongest investment attributes were designated by the symbols A-1 and Baa-1.

PAGE 5 - PUBLIC SCHOOL STUDENTS Receiving Subsidized Lunches: 1973-74

This information was obtained from the Massachusetts State Department of Education, Bureau of Nutrition Education and School Food Services Education, "Average Number of Lunches Served to Needy". The figures in this table was calculated by taking the number of needy students served lunches in a school during the month of January, 1974 and dividing this number of the number of days schools were opened that month. The average number of lunches served per day in each school were totalled by the MPP support research staff to develop the school district totals.

The "% of Total Enrollment" was calculated by dividing the number of lunch program students by the 1973-74 total school district enrollments obtained from the Massachusetts State Department of Education, Division of Research, Planning and Evaluation, Enrollment by Classification, Exhibit II, 1973-74.

PAGE 5 - STUDENTS ENROLLED IN METCO

The information on the number of METCO (Metropolitan Council for Educational Opportunities, Inc.) students during the 1967-68 school year was obtained from the Massachusetts State Department of Education, Bureau of Equal Educational Opportunity, "Recommendations for Funding of Plans Submitted Under Chapter 506 of the Acts of 1966," 1968. The 1970-71 information was obtained from the Massachusetts State Department of Education, Bureau of Equal Educational Opportunity, "Fiscal Report, METCO 1970-71 Program". The 1972-73 information was obtained from the Massachusetts State Department of Education, Bureau of Equal Educational Opportunity, "Memorandum to Rae Cecilia Kipp [Chairman, State Board of Education] from Charles L. Glenn and Cecilia M. DiBella, August 22, 1972. Subject: METCO Program for 1972-73." The information for the 1973-74 school year was obtained from the METCO files "Unpublished Student Enrollment Records", August, 1974. This information was obtained on a school by school basis; the schools figures were totalled by the MPP support research staff to develop the school district totals.

The "% of Total Enrollment" for the 1967-68; 1970-71; and 1972-73 school years were calculated by dividing the number of METCO students by the total number of students for that particular year. The total number of students for those school years were obtained from the Massachusetts State Department of Education, Division of Research, Planning, and Evaluation, Racial Census, October, 1967; Racial ... 1970; Racial ... 1973. The "% of Total Enrollment" for the 1973-74 school year was calculated by dividing the "# METCO Students" by the 1973-74 district enrollments obtained from the Massachusetts Department of Education, Division of Research, Planning and Evaluation, Enrollment by Classification, Exhibit II, 1973-74. METCO is a state funded interdistrict transfer program which transports children from Boston to suburban school districts.

PAGE 6 - PERCENT DISTRIBUTION OF SCHOOL REVENUES: 1967-68; 1970-71; 1972-73

This information was obtained from the Commonwealth of Massachusetts, Annual Report of the Department of Education for the Year Ending June 30, 1968; Annual Report ... June 30, 1971; Annual Report ... June 30, 1973. The percentages were calculated by the MPP support research staff. The percentages may not add up to 100 percent because of rounding.

PAGE 6 - ABSOLUTE DOLLAR AND PERCENT CHANGES IN REVENUES: 1967-72

These figures were calculated from the previous table. The dollar (\$) "Changes in Public School Funds Provided 1967-72" were calculated by subtracting the 1972-73 dollar amounts for "Total Funds Provided", "Local Sources", and remaining categories from the 1967-68 dollar amounts. For example, if the total public school funds provided in 1972-73 were \$100,000 and the funds provided in 1967-68 were \$50,000, the absolute dollar change in revenues would be \$50,000 (\$100,000-\$50,000). The percent changes in revenues was calculated by dividing the difference

between the 1972-73 and 1967-68 funds provided by the 1967-68 amount. For example, if the 1972-73 total funds provided were \$100,000 and the 1967-68 funds provided were \$50,000, the percent "Change in Funds Provided" would be equal to $(\$100,000 - \$50,000) / \$50,000 = \$50,000 / \$50,000 = +100\%$. If there were no funds provided during 1967-68 for any of the categories, the percent change in revenues is mathematically undefined. This is noted by the word Undefined.

PAGE 6 - PERCENT CHANGE IN PROPORTIONAL DISTRIBUTION OF REVENUES: 1967-72

These figures were calculated from the first table on page 6. The "Percent Change in Proportional Distribution of Revenues" was derived as follows:

The percent of revenues from "Local Sources", "Commonwealth Sources", and remaining categories for the 1967-68 school year was subtracted from the 1972-73 school year figures then this difference was divided by the percent "Local Sources", "Commonwealth Sources", and remaining categories for the 1967-68 school year.

For example, if the percent of revenues from local sources in 1967-68 were 50% and the percent of revenues from local sources in 1972-73 were 75%, the "Percent Change in Proportional Distribution of Revenues: 1967-72" would equal $(75-50)/50 = 25/50 = +50\%$. If there is a percent change from 0 to any number, the "Percent Change in Proportional Distribution" is mathematically undefined. This is noted by the word Undefined.

PAGE 7 - PERCENT DISTRIBUTION OF SCHOOL EXPENDITURES: 1967-68; 1970-71; 1972-73

This information was obtained from the Commonwealth of Massachusetts, Annual Report of the Department of Education for the Year Ending June 30, 1968; Annual Report ... June 30, 1971; Annual Report ... June 30, 1973. The percentages were calculated by the MPP support research staff. The percentages may not add up to 100 percent because of rounding.

PAGE 7 - ABSOLUTE DOLLAR AND PERCENT CHANGES IN EXPENDITURES: 1967-72

These figures were calculated from the previous table. The dollar (\$) "Changes in Public School Funds Expended 1967-72" were calculated by subtracting the 1972-73 dollar amounts for "Total Public School Funds Applied", "Administration", and remaining categories from the 1967-68 dollar amounts. For example, if the "Total Public School Funds Applied" in 1972-73 were \$100,000 and the funds applied in 1967-68 were \$50,000, the absolute dollar change in expenditures would be \$50,000 $(\$100,000 - \$50,000)$. The percent changes in expenditures was calculated by dividing the difference between the 1972-73 and 1967-68 funds expended by the 1967-68 amount. For example, if the 1972-73 total funds expended were \$100,000 and the 1967-68 funds expended were \$50,000, the percent "Changes in Public School Funds Expended" would be equal to $(\$100,000 - \$50,000) / \$50,000 = \$50,000 / \$50,000 = +100\%$. If there were no funds provided during 1967-68 for any of the categories, the percent change in expenditures is mathematically undefined. This is noted by the word Undefined.

PAGE 7 - PERCENT CHANGE IN PROPORTIONAL DISTRIBUTION OF EXPENDITURES: 1967-72

These figures were calculated from the first table on page 7. The "Percent Change in Proportional Distribution of Expenditures" was derived as follows:

The percent of expenditures from "Administration", "Instruction", and remaining categories for the 1967-68 school year was subtracted from the 1972-73 school year figures. Then this difference was divided by the percent "Administration", "Instruction", and remaining categories for the 1967-68 school year.

For example, if the percent of expenditures for "Administration" in 1967-68 were 50% and the percent of expenditures for "Administration" in 1972-73 were 75%, the "Percent Change in Proportional Distribution of Expenditures: 1967-72" would equal $(75-50)/50 = 25/50 = +50\%$. If there is a percent change from 0 to any number, the "Percent Change in Proportional Distribution of Expenditures" is mathematically undefined. This is noted by the word Undefined.

PAGE 8 - 1970 CENSUS: COUNT OF PERSONS 25 YEARS OF AGE AND OVER BY RACE AND YEARS OF SCHOOL COMPLETED.

This information was obtained from the U.S. Department of Commerce, Bureau of the Census, 1970 Census of Population and Housing, Fourth Count Population Summary Tapes for Massachusetts, Table 42, "Population 25 Years Old and Over by Years of School Completed and Sex". This information was based on a 20% sample survey. The "Spanish-American" category includes people who are both "White" and "Black" according to the Census definition so that the total of the "White", "Black" and "Spanish-American" columns will never equal the "Total Population" column. The "White" and "Black" figures may not equal the "Total Population" column because they do not include people of other racial backgrounds such as Asian-American and Native-American.

PAGE 8 - MEDIAN SCHOOL YEARS COMPLETED

This information was calculated from the previous table, "1970 Census: Count of Persons 25 Years of Age and Over by Years of School Completed". This calculation was performed by the Massachusetts Institute of Technology (M.I.T.) Information Processing Center.

DEMOGRAPHIC CHARACTERISTICS

PAGE 9 - CENSUS POPULATION BY RACE AND SPANISH LANGUAGE: 1960; 1970

The information on the 1960 population was obtained from the U.S. Department of Commerce, Bureau of the Census, 1960 Census of Population, Volume I, Characteristics of the Population, Part 23, Massachusetts, Tables 21, 25. This monograph

is available at libraries and governmental agencies. The "Asian-American" category includes only Chinese, Japanese, and Filipino. The percentages may not add up to 100 percent because of rounding.

The 1970 population figures were obtained from the U.S. Department of Commerce, Bureau of the Census, 1970 Census of Population, General Social and Economic Characteristics, Massachusetts, PC (1) - C23, Tables 81, 102 and 1970 Census of Population, General Population Characteristics, Massachusetts, PC (1) - B23, Tables 23, 27, 31. The "Asian-American" category includes only Chinese, Japanese and Filipino. The "Other" category includes Hawaiians, Koreans, Aleuts, Eskimos, Malaysians, and Polynesians. The "Spanish Language" data was obtained from the 1970 U.S. Census "Persons of Spanish Language" category. Persons of "Spanish Language" were not considered a distinct racial group by the U.S. Bureau of the Census and were, therefore, not distributed in the "White" or "Non-white" categories. An N.A. indicates that this information was not available for the school district. The percentages may not add up to 100 percent because of rounding.

The "1960-1970 Increase (+) Decrease (-)" figures were calculated by the MPP support research staff from the data in the first two rows of this table. The increase or decrease in the number (#) columns were derived by subtracting the 1970 population figures from the 1960 figures.

The increase or decrease in the percent (%) column were calculated by dividing the difference between the 1970 and 1960 population figures by the 1960 figures.

The "% Change in Proportional Distribution" was calculated as follows:
The "% White", "% Non-white" and percentages for the other columns for 1970 were subtracted from the 1960 percentages. This difference was divided by the 1960 percentages and this is the figure that was recorded.

PAGE 9 - CENSUS POPULATION INCREASE OR DECREASE: 1960-1970

This information was obtained from the Massachusetts Department of Commerce and Development, Massachusetts Population 1970-1965-1960 and Population Movements in Massachusetts 1960-1970.

PAGE 9 - CENSUS: FERTILITY RATIO BY RACE

This information was obtained from the U.S. Department of Commerce, Bureau of the Census, 1970 Census of Population and Housing, Fourth Count Population Summary Tapes for Massachusetts, Table 44, "Females 15-44 Years Old by Marital Status, Number of Children and Age". This ratio tells how many children, on the average, a woman between the ages of 15 and 44 had in 1970. For example, a fertility ratio of 1.35:1 indicates that for that city or town (and for that racial grouping) the average number of children a woman between 15 and 44 would have would be 1.35. An N.A. indicates that this information was not available for the school district.

PAGE 10 - 1970 CENSUS:
Household Population by Race

The information on "Total Population" was obtained from the U.S. Department of Commerce, Bureau of the Census, 1970 Census of Population and Housing, Second Count Summary Tapes for Massachusetts, Table 1, "Race and Sex". The information on "Population in Households" was obtained from the U.S. Department of Commerce, Bureau of the Census, 1970 Census of Population and Housing, Second Count Summary Tapes for Massachusetts, Table 3, "Household Population by Age, Race and Sex". An N.A. indicates that this information was not available for the school district. The U.S. Bureau of the Census defines people who live in households as those people who occupy a group of rooms or a single room which constitutes a housing unit. All living arrangements other than households are classified as group quarters. Persons living in group quarters include, for example, those who are inmates of institutions and those living in rooming and boarding houses, communes or military barracks.

PAGE 10 - 1970 CENSUS:
Number of Families by Sex of Family Head

The information on the number of families headed by females was obtained from the U.S. Department of Commerce, Bureau of the Census, 1970 Census of Population and Housing, Fourth Count Population Summary Tapes for Massachusetts, Table 75 "Family Income". The number of families headed by males was calculated by the MPP support research staff by subtracting the number of female headed families from the total number of families. This information was based on a 20 percent sample survey. The U.S. Bureau of the Census defines a family as a household head and one or more other persons living in the same household who are related to the head by blood, marriage, or adoption. The "White" and "Black" figures may not equal the "Total Population" because they do not include people of other racial backgrounds such as Asian-American and Native-American.

PAGE 10 - 1970 CENSUS: AGE DISTRIBUTION BY RACE

This information was obtained from the U.S. Department of Commerce, Bureau of the Census, 1970 Census of Population and Housing, Second Count Summary Tapes for Massachusetts, Table 2, "Single Years of Age, Race, and Sex". The percentages were calculated by the MPP support research staff. The percentages may not add up to 100 percent because of rounding. An N.A. indicates that this information was not available for the school district.

PAGE 11 - 1970 CENSUS: NATIVITY AND PARENTAGE

This information was obtained from the U.S. Department of Commerce, Bureau of the Census, 1970 Census of Population and Housing, Fourth Count Population Summary Tapes for Massachusetts, Table 21, "Nativity and Parentage". This information was based on a 15 percent sample survey. A "Native of Native Parent"

is a person born in the United States, the Commonwealth of Puerto Rico or an outlying area of the United States whose parents were also born in the United States. "Foreign Stock" includes U.S. citizens who were foreign born as well as those people who were born in the U.S. but had one or more foreign born parents ("Foreign or Mixed Parentage"). The "Spanish-American" category includes people who are both "White" and "Black" according to the Census definition so that the total of the "White", "Black" and "Spanish-American" columns will never equal the "Total Population" column.

PAGE 11 - 1970 CENSUS: MOST FREQUENT COUNTRY
of Origin of Foreign Stock

This information was obtained from the U.S. Department of Commerce, Bureau of the Census, 1970 Census of Population and Housing, Fourth Count Population Summary Tapes for Massachusetts, Table 22, "Country of Origin and Nativity". This information was based on a 15 percent sample survey. This table indicates the country of origin of the foreign stock population (foreign born and native of foreign or mixed parentage) in a city or town, with the information presented separately for foreign born and native of mixed parentage. These figures were totalled by the MPP support research staff to arrive at the number of persons recorded for each of the countries listed in this table. The countries listed are those which have the largest number of former citizens presently U.S. citizens residing in this community. The percent foreign stock population was calculated by dividing the number of foreign stock citizens from a particular country by the total number of foreign stock residents in that city or town. The total number of foreign stock residents was obtained from the previous table, "1970 Census: Nativity and Parentage".

PAGE 11 - 1970 CENSUS: SPANISH POPULATION INDICATORS

This information was obtained from the U.S. Department of Commerce, Bureau of the Census, 1970 Census of Population and Housing, Fourth Count Population Summary Tapes for Massachusetts, Table 24, "Spanish Indicators". The information on persons of "Spanish Origin or Descent" was derived from the question of whether a person's origin or descent was Mexican, Puerto Rican, Cuban, Central or South American, or other Spanish. The information on persons of "Puerto Rican Birth or Parentage" includes persons born in Puerto Rico and persons born in the United States or an outlying area with one or more parents born in Puerto Rico. Persons of "Spanish Language" comprise persons of Spanish mother tongue and all other persons in families in which the head or wife reported Spanish as his or her mother tongue. Since a person of "Spanish Origin or Descent" may appear in two or more of these Spanish population indicators, these figures were not totalled to arrive at a total number of Spanish population residents in a city or town.

PAGE 11 - 1970 CENSUS: MOST FREQUENT MOTHER TONGUES
Other Than English

This information was obtained from the U.S. Department of Commerce, Bureau of the Census, 1970 Census of Population and Housing, Fourth Count Population Summary Tapes for Massachusetts, Table 23, "Mother Tongue and Nativity". This information was based on a 15 percent sample survey of which language was spoken in a person's home when he or she was a child. Since English is the most frequent mother tongue, information is only displayed for mother tongues other than English. This information is presented separately for foreign born and natives and these figures were totalled by the MPP support research staff to arrive at the figures presented in this table.

ECONOMIC CHARACTERISTICS

PAGE 12 - 1970 CENSUS: NUMBER OF EMPLOYED PERSONS 16 YEARS OLD AND OVER
BY OCCUPATION

This information was obtained from the U.S. Department of Commerce, Bureau of the Census, 1970 Census of Population and Housing, Fourth Count Population Summary Tapes for Massachusetts, Table 58, "Employed Population 16 Years Old and Over by Occupation". This information was based on a 20 percent sample survey. Each of the occupation categories shown on this table such as "Professional, Technical, and Kindred Workers" have been broken down into subcategories and the same information in this table is available for each of these subcategories. An N.A. indicates that this information was not available for the school district. The percentages may not add up to 100 percent because of rounding. The "White" and "Black" figures may not equal the "Total Persons Employed" because they do not include people of other racial backgrounds such as Asian-American and Native-American. The "Spanish-American" category includes people who are both "White" and "Black" according to the Census definition so that the total of the "White", "Black" and "Spanish-American" columns will never equal the "Total Persons Employed" column.

PAGE 13 - MEDIAN INCOME: 1960 CENSUS; 1970 CENSUS

The information on 1960 Median Income was obtained from the U.S. Department of Commerce, Bureau of the Census, 1960 Census of Population, Volume I, Characteristics of the Population, Part 23 Massachusetts, Tables 33, 34, 76.

The information on the 1970 Median Income was obtained from the U.S. Department of Commerce, Bureau of the Census, 1970 Census of Population and Housing, Fourth Count Population Summary Tapes for Massachusetts, Table 75, "Family Income", and Table 76, "Income of Unrelated Individuals". This information was based on a 20 percent sample survey.

Information on families includes all those people living in the same household who are related to the head by blood, marriage, or adoption. Information on unrelated individuals includes all members of a household who are not related to anyone else in the household or a person living in group quarters who is not an inmate of an institution. An N.A. indicates that this information was not available for the school district.

PAGE 13 - 1970 CENSUS: EMPLOYMENT STATUS BY RACE
 of Persons 16 Years of Age and Over in Labor Force

This information was obtained from the U.S. Department of Commerce, Bureau of the Census, 1970 Census of Population and Housing, Fourth Count Population Summary Tapes for Massachusetts, Table 54, "Population 16 Years Old and Over by Labor Force Status, Selected Characteristics, and Sex". This information was based on a 20 percent sample survey. The employment or labor force status of persons over 16 is recorded by the U.S. Bureau of the Census in three categories: "In Labor Force", "In Armed Forces", and "Not in Labor Force". The information in this table covers only those people in the labor force, and this category is broken down into those who are "Employed" and those who are "Unemployed". Since the number and percent "Unemployed" is only based on those people in the labor force, it is an undercount of actual unemployment in a community. The "Total" is of those people 16 years and over in the labor force. An N.A. indicates that this information was not available for the school district. The "Spanish-American" category includes people who are both "White" and "Black" according to the Census definition so that the total of the "White", "Black", and "Spanish-American" columns will never equal the "Total" column. The percentages may not add up to 100 percent because of rounding. The "White" and "Black" figures may not equal the "Total" column because they do not include people of other racial backgrounds such as Asian-American and Native-American.

PAGE 14 - 1970 CENSUS:
 Number of Persons in Families and
 Number of Unrelated Individuals with Income Less Than Poverty Level

The information on the number of "Persons in Families" below poverty level was obtained from the U.S. Department of Commerce, Bureau of the Census, 1970 Census of Population and Housing, Fourth Count Population Summary Tapes for Massachusetts, Table 83, "Aggregate Number of Persons in Families below Poverty Level".

The information on the "Number of Unrelated Individuals with Income Less Than Poverty Level" was obtained from the U.S. Department of Commerce, Bureau of the Census 1970 Census of Population and Housing, Fourth Count Population Summary Tapes for Massachusetts, Table 89, "Unrelated Individuals by Age and Poverty Status". This information was based on a 20 percent sample survey. The number of persons in families and the number of unrelated individuals were totalled by the MPP support research staff to arrive at the total in this table.

The definition of poverty level income originated with the U.S. Social Security Administration in 1964 and was subsequently modified by a Federal Interagency Committee. This index provides a range of poverty income cutoffs adjusted by such factors as family size, family head, number of children under 18 years old, and farm and nonfarm residence, needed in order to maintain a nutritionally adequate food plan designed by the Department of Agriculture. In 1969, the poverty thresholds ranged from \$1,847 for a female unrelated individual 65 years old and over living on a farm to \$6,116 for a nonfarm family with a male head and with seven or more persons. The average poverty threshold for a nonfarm family of four headed by a male was \$3,745. An N.A. indicates that this information was not available for the school district. The percentages may not add up to 100 percent because of rounding. The "White" and "Black" figures may not equal the "Total Population" because they do not include people of other racial backgrounds such as Asian-American and Native-American. The "Spanish-American" category includes people who are both "White" and "Black" according to the Census definition so that the total of the "White", "Black", and "Spanish-American" columns will never equal the "Total Population" column.

PAGE 14 -

1970 CENSUS:

Number of Related Children Under 18 in Families
Below Poverty Level by Presence of Parents

This information was obtained from the 1970 U.S. Department of Commerce, Bureau of the Census, 1970 Census of Population and Housing, Fourth Count Population Summary Tapes for Massachusetts, Table 92, "Related Children Under 18 Years Old in Families Below Poverty Level by Presence of Parents". This information was based on a 20 percent sample survey. The percentages were calculated by the MPP support research staff by dividing the number of children under 18 living in families below poverty level by the total number of children under 18 in that city or town. An N.A. indicates that this information was not available for the school district. The "White" and "Black" figures may not equal the "Total Population" because they do not include people of other racial backgrounds such as Asian-American and Native-American. The "Spanish-American" category includes people who are both "White" and "Black" according to the Census definition so that the total of the "White", "Black" and "Spanish-American" columns will never equal the "Total Population" column.

PAGE 15 - CHARACTERISTICS OF INDUSTRIAL FIRMS: 1967

This information was obtained from the Commonwealth of Massachusetts, Division of Employment Security, "Massachusetts Employment and Wages 1967 by Area (City and Town) by Industry, 3 digit," unpublished computer printouts. This information is on industrial establishments subject to the Massachusetts Employment Security Law, Chapter 151A of the General Laws, and generally excludes employment in nonprofit institutions organized for religious, charitable, educational,

or scientific purposes; in domestic service; self employment and unpaid family service; and in governments. A definition of each major industry, such as "Agriculture and Mining", presented in this table, can be found in the following publication: The Commonwealth of Massachusetts, Division of Employment Security, Massachusetts Cities and Towns, Employment and Wages in Establishments Subject to the Massachusetts Employment Security Law by Major Industry Divisions 1967-1971, March, 1973.

PAGE 16 - CHARACTERISTICS OF INDUSTRIAL FIRMS: 1972

This information was obtained from the Commonwealth of Massachusetts, Division of Employment Security, "Massachusetts Employment and Wages 1972 by Area (City and Town) by Industry, 3 digit", unpublished computer printouts. This information is on industrial establishments subject to the Massachusetts Employment Security Law, Chapter 151A of the General Laws, and generally excludes employment in nonprofit institutions organized for religious, charitable, educational, or scientific purposes; in domestic service; self employment and unpaid family service; and in governments. A definition of each major industry, such as "Agriculture and Mining", presented in this table, can be found in the following publication: The Commonwealth of Massachusetts, Division of Employment Security, Massachusetts Cities and Towns, Employment and Wages in Establishments Subject to the Massachusetts Employment Security Law by Major Industry Divisions 1967-1971, March, 1973.

LAND USE CHARACTERISTICS

PAGE 17 - LAND USE PATTERNS IN (CITY OR TOWN NAME)

The percentages measured on this pie chart were calculated from land use pattern information obtained from the Metropolitan Area Planning Council, Preliminary Single Purpose Plan Report, Land Use Numbers, Study Element Number 3.05 of the Southeastern New England Study, October 1973 (compiled for the New England River Basin Study). This report contained information on the number of acres in a city or town utilized for "Residential", "Commercial" and the other remaining categories. The MPP support research staff calculated the percentages that were used to develop the pie chart displayed in this table.

HOUSING CHARACTERISTICS

PAGE 18 - 1970 CENSUS: SELECTED HOUSING CHARACTERISTICS

This information was obtained from the U.S. Department of Commerce, Bureau of the

Census, 1970 Census of Population and Housing, 1970 Census of Housing, General Housing Characteristics, Massachusetts HC (1)-A23, Tables 1, 8, 18, 23, 24.

The median value of owner occupied units does not include those that are in multi-unit structures, trailers, rural units on farms or places of ten or more acres, or on properties any part of which is used as a business.

The U.S. Bureau of the Census defines a housing unit as a house, an apartment, a group of rooms, or a single room occupied or intended for occupancy as separate living quarters. A housing unit was considered vacant if no one was living in it at the time the Census was taken unless its occupants were only temporarily absent. Median value was the owner's estimate of how much the property (house and lot) would sell for, if it were for sale. Median contract rent is the monthly rent agreed to, or contracted for, regardless of any furnishings, utilities, or services that may be included.

PAGE 18 - 1970 CENSUS: NUMBER OF HOUSING UNITS
 by Occupancy Status and Race of Head of Household

This information was obtained from the U.S. Department of Commerce, Bureau of the Census, 1970 Census of Population and Housing, Fourth Count Housing Summary Tapes for Massachusetts, Table 26, "Occupancy/Vacancy Status". The total number of housing units in this table may be slightly lower than the total in the previous table because it does not include vacant migratory and seasonal units. The percentages may not add up to 100 percent because of rounding. An N.A. indicates that this information was not available for the school district. The "White" and "Black" figures may not equal the "Total" column because they do not include people of other racial backgrounds such as Asian-American and Native-American. This information was based on a 20% sample survey.

PAGE 18 - BUILDING PERMITS ISSUED FOR NEW
 Dwelling Units: 1960-71

This information was obtained from the Massachusetts Department of Commerce and Development, City and Town Monograph. This is a separate monograph for each city and town in the Commonwealth of Massachusetts. These monographs, which contain other information on a city or town, are free to the public upon request.

PAGE 19 - NUMBER OF SUBSIDIZED HOUSING UNITS BY TYPE OF CONSTRUCTION
 STATUS: 1973

This information was obtained from the Metropolitan Area Planning Council, (MAPC) Subsidized Housing in the Boston Region as of December 31, 1973, and is available to the public upon request. The MAPC is the regional planning agency for the Boston metropolitan area; it studies the demographic, socio-economic, land use, and housing characteristics of the cities and towns in the Boston metropolitan area. MHFA refers to the Massachusetts Housing Finance Agency.

PAGE 19 - 1970 CENSUS: AGE OF HOUSING UNITS

This information was obtained from the U.S. Department of Commerce, Bureau of the Census, 1970 Census of Population and Housing, Fourth Count Housing Summary Tapes for Massachusetts, Table 8, "Year Structure Built, Tenure, and Race of Head". This information was based on a 20 percent sample survey. Since this information is based on a sample survey, the total number of housing units may not equal the total number of units recorded on other "Housing Characteristic" tables. The number of "Other Occupied Housing Units" was calculated by the MPP support research staff by subtracting the "Black Occupied Housing Units" column from the "Total Housing Units" column. The "Other Occupied Housing Units" are occupied primarily by whites but may also be occupied by Asian-American, Native-American and other racial and ethnic group members. The percentages may not add up to 100 percent because of rounding. An N.A. indicates that this information was not available for the school district. The "Spanish-American" category includes people who are both "White", and "Black" according to the Census definition so that the total of the "White" "Black" and "Spanish-American" columns will never equal the "Total Housing Units" column.

PAGE 20 - 1970 CENSUS: NUMBER OF PERSONS PER ROOM IN OCCUPIED HOUSING UNITS
By Race of Head of Household

This information was obtained from the U.S. Department of Commerce, Bureau of the Census, 1970 Census of Population and Housing, First Count Summary Tapes for Massachusetts, Table 30, "Persons per Room, Tenure and Race of Head". The number of "Other Occupied Housing Units" was calculated by the MPP support research staff by subtracting the "Black Occupied Housing Units" column from the "Total Occupied Units" column. An N.A. indicates that this information was not available for the school district. The percentages may not add up to 100 percent because of rounding.

PAGE 20 - 1970 CENSUS: TYPE OF HOUSING STRUCTURE

This information was obtained from the U.S. Department of Commerce, Bureau of the Census, 1970 Census of Population and Housing, Fourth Count Housing Summary Tapes for Massachusetts, Table 9, "Units in Structure, Tenure, and Race, of Head". This information was based on a 20 percent sample survey. Since this information is based on a sample survey, the total number of housing units may not equal the total number of units recorded on other "Housing Characteristic" tables. This information is also available for Black and Spanish-American occupied units, both owner occupied and renter occupied. An N.A. indicates that this information was not available for the school district. The percentages may not add up to 100 percent because of rounding.

PAGE 20 - 1970 CENSUS:
Average Number of
Persons per Housing Unit

This information was obtained from the U.S. Department of Commerce, Bureau of the Census, 1970 Census of Population and Housing, Fourth Count Housing Summary Tapes for Massachusetts, Table 37, "Number of Persons in Unit, Tenure, and Race of Head". This information was based on a 20 percent sample survey. This information was calculated by the MPP support research staff by dividing the number of persons in housing units by the total number of housing units. The number of "Other Occupied Housing Units" was calculated by the MPP support research staff by subtracting the "Black Occupied Housing Units" column from the "Total Occupied Housing Units" column.

PAGE 21 - 1970 CENSUS: VALUE OF OWNER OCCUPIED HOUSING UNITS BY RACE OF
HEAD OF HOUSEHOLD

This information was obtained from the U.S. Department of Commerce, Bureau of the Census, 1970 Census of Population and Housing, Fourth Count Housing Summary Tapes for Massachusetts, Table 52, "Value, Occupancy Status, and Race of Head". This information was based on a 20 percent sample survey. The value of an owner occupied unit was the owner's estimate of how much the property (house and lot) would sell for, if it were for sale. The number of "Other Owner Occupied Units" was calculated by the MPP support research staff by subtracting the "Black Owner Occupied Units" column from the "Total Owner Occupied Units" column. The percentages may not add up to 100 percent because of rounding. An N.A. indicates that this information was not available for the school district. The "Spanish-American" category includes people who are both "White" and "Black" according to the Census definition so that the total of the "White", "Black" and "Spanish-American" column will never equal the "Total Owner Occupied Units" column.

PAGE 22 - 1970 CENSUS: MONTHLY GROSS RENT BY RACE OF HEAD OF HOUSEHOLD

This information was obtained from the U.S. Department of Commerce, Bureau of the Census, 1970 Census of Population and Housing, Fourth Count Housing Summary Tapes for Massachusetts, Table 19, "Gross Rent and Race of Head". This information was based on a 20 percent sample survey. "Monthly Gross Rent" is the monthly rent agreed to, or contracted for, regardless of any furnishings, utilities, or services that may be included plus the estimated average monthly cost of utilities and fuels, if these items are paid for by the renter in addition to rent. The number of "Other Renter Occupied Units" was calculated by the MPP support research staff by subtracting the "Black Renter Occupied Units" column from the "Total Renter Occupied Units" column. An N.A. indicates that this information was not available for the school district. The percentages may not add up to 100 percent because of rounding. The "Spanish-American" category includes people who are both "White" and "Black" according to the Census definition so that the total of the "White", "Black" and "Spanish-American" columns will never equal the "Total Renter Occupied Units" column.

NOTES AND SOURCES FOR THE INDIVIDUAL SCHOOL PROFILES

PAGE 1 - SCHOOL DISTRICT #, SCHOOL

The school district and school number (#) which appear on the upper right hand box are code numbers which are used by the Massachusetts State Department of Education. These code numbers were obtained from the Massachusetts State Department of Education, Bureau of Educational Information Services, Massachusetts School Directory 1973-74.

PAGE 1 - 1973-74 SCHOOL DISTRICT; SCHOOL NAME; NO. & STREET; City, State, Zip; Grade Organization

This information was obtained from the Massachusetts State Department of Education, Bureau of Educational Information Services, Massachusetts School Directory 1973-74.

PAGE 1 - FACILITIES

The information on a school's date of initial construction, date(s) of additions or changes, number of rooms for instructional use, and total number of rooms were obtained from the Massachusetts State Department of Education, Division of Research, Planning, and Evaluation, School Building Inventory, Fall, 1973. There were fifty-eight types of school rooms listed on this form. Forty-two of these rooms were placed by the MPP support research staff in the "Instructional Use" category. These rooms are:

1. Art (General)
2. Arts and Crafts
3. Auditorium
4. Automotive
5. Bandroom
6. Biology Laboratory
7. Bookkeeping
8. Chemistry Laboratory
9. Child Care Center
10. Chorus Room
11. Classroom Regular, (Regular, Interchangeable)
12. Classroom (Seminar Room)
13. Corrective Room (Athletics)
14. Earth Science Laboratory
15. Field House
16. General Science Laboratory
17. Graphic Arts
18. Gymnasium
19. Home Economics (Food)

20. Home Economics (General)
21. Home Economics (Multi-purpose Living Center)
22. Ice Skating Rink
23. Instructional Media Center
24. Language Arts Laboratory
25. Library
26. Mathematics Laboratory
27. Mechanical Drawing
28. Metal Shop
29. Music Room (General)
30. Office Machines
31. Office Practice
32. Physics Laboratory
33. Power Mechanics Shop
34. Sewing Room
35. Shop (General)
36. Social Studies Laboratory
37. Special Education Remedial Rooms
38. Stenography Room
39. Swimming Pool
40. Television Room
41. Typing Room
42. Wood Shop

The remaining sixteen were placed in the "Other Uses" category.
They are:

1. Administrative Office
2. Audio-Visual Workroom
3. Cafeteria
4. Data Processing
5. Guidance Office
6. Health Suite
7. Kitchen
8. Lavatories (Boys')
9. Lavatories (Girls')
10. Shower and Locker Rooms
11. Storage (Books)
12. Storage (Custodial Supplies)
13. Storage (General Instructional Supplies)
14. Student Activity Room
15. Teachers' Lounge
16. Teachers' Workroom

An N.A. indicates that this information was not available for the school.

PAGE 1 - 1973-74 FEDERAL PROGRAMS

The information on "Title I" programs in a school ("Type of Program", "# of Students") was obtained from the Massachusetts State Department of Education, Division of Curriculum and Instruction, Bureau of Curriculum Services, Title I ESEA, "Unpublished Title I Program Documents, 1973-74." The "% School Enrollment" was calculated by the MPP support research staff by dividing the number of students in Title I programs by the total number of students in the school during the 1973-74 school year. The total number of students was obtained from the Massachusetts State Department of Education, Division of Research, Planning, and Evaluation, Enrollment by Classification, Exhibit II, 1973-74. This is the same total that appears in the "Student Ethnic Census: 1973-74" table on page 2. The Title I program is funded by the U.S. Office of Education and was legislated by the U.S. Congress as part of the 1965 Elementary and Secondary Education Act (ESEA). The Title I program provides assistance for "educationally deprived and neglected and delinquent children".

The information on students in the "Lunch Program" ("# Students, Free"; "# Students, Reduced Price") was obtained from the Massachusetts State Department of Education, Bureau of Nutrition Education and School Food Services Education, "Average Number of Lunches Served to Needy". The figures in this table were calculated by taking the number of needy students served lunches in a school during the month of January, 1974 and dividing this number by the number of days schools were opened that month. The "% School Enrollment" was calculated by the MPP support research staff, 1973-74, by dividing the number of "Lunch Program" students by the 1973-74 school enrollment obtained from the Massachusetts State Department of Education, Division of Research, Planning and Evaluation, Enrollment by Classification, Exhibit II, 1973-74.

The information on students eligible for the "Bilingual Program" was obtained from the Massachusetts State Department of Education, Bureau of Transitional Bilingual Education, Census of Children of Limited English Speaking Ability on October 1, 1973, under Chapter 71A, Act of 1971. This Census of all public school students is conducted each year in order to determine how many students are of limited English speaking ability as defined in Chapter 71A and, thus, eligible for transitional bilingual classes. The "% School Enrollment" was calculated by the MPP support research staff by dividing the number of eligible bilingual students by the 1973-74 school enrollment obtained from the Massachusetts State Department of Education, Division of Research, Planning, and Evaluation, Enrollment by Classification, Exhibit II, 1973-74.

The information on the number of METCO (Metropolitan Council for Educational Opportunities, Inc.) students was obtained from the METCO files, "Unpublished Student Enrollment Records", August, 1974. METCO is a state funded interdistrict transfer program which transports children from Boston to suburban school districts. The "% School Enrollment" was calculated by the MPP support research staff by dividing the number of METCO students by the 1973-74 school enrollment obtained from the Massachusetts State Department of Education, Division of Research, Planning, and Evaluation, Enrollment by Classification, Exhibit II, 1973-74.

This information was obtained from the Massachusetts State Department of Education, Division of Research, Planning, and Evaluation, 1973-74 Professional Staff Survey. The figures in this table are not always an accurate total of the number of professional staff employed in a school because some staff members may not have filled in a survey. In addition, some staff members may have completed one section of the survey but not another section. As a result, the totals under the "Age", "Years in Present System", and "Position" columns may not be the same. The total number (#) of professional staff recorded in the "Census" column is the largest number of staff found in either the "Age", "Years in Present System", or "Position" categories. The "Total" number of professional staff members may be greater than the total number of "White", "Black", "Spanish Surname", "Asian-American", "Native-American", and "Other" professional staff members because some people who answered this survey did not indicate their racial or ethnic background. An N.A. indicates that this information was not available for the school.

The survey form had 24 different position codes. These positions were reclassified, by the MPP support research staff, under one of these four headings: "Administrators", "Teachers", "Teacher Aides", and "Other Professionals".

"Administrators" include the following positions:

1. Administrative Assistant
2. Assistant Director or Manager
3. Assistant or Vice-Principal
4. Assistant Superintendent
5. Assistant Supervisor
6. Director or Manager (Pupils or Programs)
7. Principal
8. Research
9. Superintendent

"Teachers" include:

1. Itinerant Teacher
2. Special Class Teacher (Handicapped)
3. Specialist (Reading, Speech, etc.)
4. Teacher

"Teacher Aides" include:

1. Teacher Aide

"Other Professionals" include:

1. Attendance Supervisor
2. Chairman or Department Head
3. Counselor
4. Librarian
5. Nurse
6. Other Professional or Technical Personnel
7. Psychologist
8. Psychometrist
9. Social Worker (Adjustment Counselor)
10. Supervisor or Consultant (Staff Improvement)

PAGE 2 - STUDENT ETHNIC CENSUS: 1973-74

This information was obtained from the Massachusetts State Department of Education, Division of Research, Planning, and Evaluation, Enrollment by Classification, Exhibit II, 1973-74. The figures in the "White" column include "White" students and students of racial backgrounds other than "Black", "Native-American", "Asian-American", and "Spanish Surname". "Spanish Surname" students were placed in the "Non-white" category.

PAGE 2 - RACIAL CENSUS: 1967-68; 1970-71; 1972-73

The information on the "Total", "White", and "Non-white" enrollments for these three school years were obtained from the Massachusetts State Department of Education, Division of Research, Planning, and Evaluation, Racial Census, October, 1967; Racial Census, October, 1970; and Racial Census, October, 1972. The Racial Census does not indicate which students were considered "White" and which were considered "Non-white".

PAGE 2 - RACIAL CENSUS: ENROLLMENT CHANGE 1967-1972

These figures were calculated from the previous table by the MPP support research staff. The figures under the number sign (#) column were calculated by subtracting from the "Total", "White" or "Non-white" enrollment for the 1972-73 school year, the "Total", "White" or "Non-white" enrollment for the 1967-68 school year. For example, if the 1972-73 total enrollment was 100 students and the 1967-68 enrollment was 50 students, the enrollment change would be +50(100-50) and this figure would appear in the appropriate box. The figures under the percent(%) column were derived by dividing the difference between the 1972-73 and 1967-68 enrollment by the 1967-68 enrollment. If the difference, for example, between the 1972-73 and 1967-68 enrollments were +50 and the 1967-68 enrollment were 50, the percent change would be +100(50/50). The figures under the "% Change in Proportional Distribution" column were calculated as follows:

The "% White" (or "% Non-white") for 1972-73 was subtracted from the "% White" (or "% Non-white") for 1967-68.

This difference was divided by the "% White" (or "% Non-white") for 1967-68 and this is the figure that was recorded. For example, if the "% White" in 1967-68 was 75% and the "% White" in 1972-73 was 50%, the "% Change in Proportional Distribution" would be calculated as follows:
$$(50-75)/75 = (-25)/75 = -0.33.$$

Since the percent "Total Enrollment" is always 100%, no "% Change in Proportional Distribution" was calculated or recorded for "Total Enrollment". If there is a percent change from 0 to any number, the "% Change in Proportional Distribution" is mathematically undefined. This is noted by the word "Undefined".

PAGE 2 - FOLLOW-UP OF HIGH SCHOOL GRADUATES: 1968-1972

The information on the post high school placement of 1968 graduates was obtained from the Massachusetts State Department of Education, Division of Research, Planning, and Evaluation, Distribution of Graduating Class, 1969. The number of students in each of the various placement categories may not equal the total number of high school graduates because information on all placements was not available. If there was no information available on high school graduates in a particular school, this is noted by an N.A. in the first column (under the # sign). The information on the 1972 graduates was obtained from the Massachusetts State Department of Education, Division of Research, Planning, and Evaluation, Distribution of High School Graduates, Class of 1972, Fall 1973. The percentages in the 1972 column may not add up to 100% because of rounding. This table is only displayed for high schools; the profiles for elementary and junior high schools do not have this table.

PAGE 2 - ELIGIBLE TRANSITIONAL BILINGUAL STUDENTS: 1973-74

The number of students eligible for a transitional bilingual program was obtained from the Massachusetts State Department of Education, Bureau of Transitional Bilingual Education, Census of Children of Limited English Speaking Ability on October 1, 1973, under Chapter 71A, Act of 1971. This Census of all public school students is conducted each year in order to determine how many students are of limited English speaking ability as defined in Chapter 71A and, thus, eligible for transitional bilingual classes. The "Percent of Bilingual Enrollment" was calculated by the MPP support research staff by dividing the number of students in each language category, such as "Chinese" or "French" by the "Total" number of eligible bilingual students.

Leslie Steven May

EDUCATIONAL CHARACTERISTICS

NUMBER OF SCHOOLS AND ENROLLMENT By Type of School: 1973-74				
Type of School	Number of Schools	Enrollment		
		Total	White	Non-white
Elementary	23	8,269	7,815	454
Junior High	5	3,947	3,763	184
High School	2	4,377	4,203	174
Special & Ungraded	1	38	38	0
Regional	0			
Vocational	0			
Total	31	16,631	15,819	812

SCHOOL ATTENDING CHILDREN IN PUBLIC and Non-public Schools					
Year	Total	Public		Non-public	
		#	%	#	%
1967-68	22,394	18,651	83.3	3,743	16.7
1970-71	20,730	17,623	85.0	3,107	15.0
1972-73	19,272	16,786	87.1	2,486	12.9

EDUCATIONAL COLLABORATIVE PARTICIPATION 1973-74	
Mass. Association of School Business Officials (MASBO); Mass. Bay Cooperative Data Study (MABCODS); The Education Cooperative (TEC); Metropolitan Planning Project-Applicant District	Educational Collaborative of Greater Boston (EDCO); Metropolitan Council for Educational Opportunity, Inc. (METCO); Education Collaborative Reading and Learning Center-Title III

1970 CENSUS: SCHOOL ENROLLMENT FOR Level and Type of School by Race (Population 3 - 34 years)									
Level and Type of School	Total		White		Black		Spanish- American		
	#	%	#	%	#	%	#	%	
Nursery School									
Public	107	0.4	99	0.3	0		0		
Parochial	70	0.2	70	0.2	0		0		
Private	942	3.2	917	3.2	13	4.8	15	2.7	
Kindergarten									
Public	1,135	3.9	1,110	3.8	19	7.1	65	11.9	
Parochial	25	0.1	24	0.1	1	0.4	0		
Private	115	0.4	107	0.4	0		9	1.6	
Elementary									
(1-8)									
Public	10,976	37.3	10,724	37.2	118	43.9	229	41.9	
Parochial	1,278	4.3	1,278	4.4	0		28	5.1	
Private	468	1.6	462	1.6	0		15	2.7	
High School									
(1-4)									
Public	5,756	19.6	5,634	19.5	58	21.6	54	9.9	
Parochial	434	1.5	432	1.5	2	0.7	0		
Private	724	2.5	719	2.5	0		7	1.3	
College									
Public	1,320	4.5	1,286	4.5	20	7.4	40	7.3	
Private	6,054	20.6	5,981	20.7	38	14.1	85	15.5	

FEDERALLY-FUNDED PROGRAMS: 1973-74		
Program	# of Students	% Total Enrollment
Title I	309	1.7
Title III	30	0.2

EDUCATIONAL CHARACTERISTICS

RACIAL CENSUS: 1967-68; 1970-71; 1972-73					
Years	Total Enrollment	White		Non-white	
		#	%	#	%
1967-1968	18,323	17,959	98.0	364	2.0
1970-1971	17,812	17,222	96.7	590	3.3
1972-1973	17,027	16,351	96.0	676	4.0

RACIAL CENSUS: ENROLLMENT CHANGE 1967-1972				
	#	%	% Change in Proportional Distribution	
TOTAL	-1,296	-7.1		
White	-1,608	-9.0		-2.0
Non-white	+312	+85.7		+100.0

STUDENT ETHNIC CENSUS: 1973-74					
	Total	White	Non-white		
			Black	Native-American	Asian-American
Number	18,097	17,285	475	8	237
Percent	100.0	95.5	2.6	0.0	1.3
					0.5
					92
					0.5

FOLLOW UP OF HIGH SCHOOL GRADUATES: 1968; 1972					
Post High School Placement	Class of				
	1968		1972		
	#	%	#	%	
4-yr. State College	250	13.3	46	3.5	
4-yr. Other College	878	46.7	737	56.1	
2-yr. State College	83	4.4	34	2.6	
2-yr. Other College	214	11.4	106	8.1	
Nurses Training	3	0.2	7	0.5	
Other Post Secondary	118	6.3	52	4.0	
Military	42	2.2	8	0.6	
Work	222	11.8	199	15.1	
Other	101	5.4	125	9.5	
TOTAL	1,881	100.0	1,314	100.0	

ELIGIBLE TRANSITIONAL BILINGUAL STUDENTS: 1973-74			
Language	Number of Students	Percent of Bilingual Enrollment	
TOTAL	142	100.0	
Chinese	16	11.3	
French	7	4.9	
Greek	13	9.2	
Italian	61	43.0	
Portuguese	2	1.4	
Spanish	14	9.9	
Other	29	20.4	

METROPOLITAN PLANNING PROJECT/COMMUNITY PROFILE # 207 NEWTON

EDUCATIONAL CHARACTERISTICS

PUBLIC SCHOOL STUDENT ENROLLMENTS: 1964 - 1982					
Past Enrollments: 1964 - 1972					
Projected Enrollments: 1973 - 1982					
School Year Beginning in Fall of	Total K-12 (R ² = .389)	Total K-6 (R ² = .678)	Total 7-12 (R ² = .023)	White K-12 (R ² = .606)	Non-white K-12 (R ² = .978)
1964	18126.0	5610.24	2515.75	17906.0	220.000
1965	18135.0	9595.13	8535.86	17894.0	241.000
1966	18116.0	9559.38	8556.61	17806.0	310.000
1967	18323.0	9395.99	8927.00	17959.0	364.000
1968	18002.0	9822.38	8979.60	18310.0	492.000
1969	18218.0	5379.31	8838.68	17734.0	484.000
1970	17790.0	9099.00	9691.00	17255.0	535.000
1971	17555.0	8896.57	3662.42	16942.0	617.000
1972	17027.0	8519.50	8507.45	16351.0	676.000
1973	17437.2	8702.82	8734.41	16706.1	709.343
1974	17322.6	8579.35	8743.15	16532.7	745.397
1975	17207.9	8455.88	8751.98	16359.3	774.942
1976	17022.2	8332.41	8760.76	16185.9	798.688
1977	16978.5	8208.94	8769.55	16012.5	817.477
1978	16863.8	8085.48	8773.34	15839.1	832.160
1979	16749.1	7962.01	8787.12	15665.8	843.525
1980	16634.4	7838.54	8795.91	15492.4	852.256
1981	16515.8	7715.07	8804.69	15319.0	858.925
1982	16405.1	7591.60	8813.48	15145.6	863.996

METROPOLITAN PLANNING PROJECT/COMMUNITY PROFILE # 207 NEWTON

EDUCATIONAL CHARACTERISTICS

NUMBER OF TEACHERS BY RACE: 1972-73										
Total	White		Non-White		Non-white					
	#	%	#	%	Black		Asian-American		Native-American	
					#	%	#	%	#	%
980	922	94.1	58	5.9	48	4.9	5	0.5	4	0.4
									1	0.1

NUMBER OF TEACHERS, TEACHER AIDES AND OTHER PROFESSIONAL STAFF: 1973-74													
Staff Status	Total	White		Non-white		Non-white							
		#	%	#	%	Black		Asian-American		Native-American		Spanish Surname	
						#	%	#	%	#	%	#	%
Teachers	991	940	94.9	51	5.1	47	4.7	2	0.2	1	0.1	1	0.1
Teacher Aides	74	66	89.2	8	10.8	7	9.5	1	1.4	0		0	
Other Professional Staff	258	249	96.5	9	3.5	9	3.5	0		0		0	
Total	1,323	1,255	94.9	68	5.1	63	4.8	3	0.2	1	0.0	1	0.0

METROPOLITAN PLANNING PROJECT/COMMUNITY PROFILE # 207 NEWTON

EDUCATIONAL CHARACTERISTICS

SELECTED FINANCIAL CHARACTERISTICS								
Year	% Municipal Tax Spent on Education	Comprehensive Per Pupil Expenditure (in \$)				Public School Attending Children Transported at Public Expense		Computative Equalized Property Valuation per School Attending Child (in \$)
		Total	Elementary School	Junior High School	High School	#	%	
1967-68	49.4	842	708	954	1,029	1,720	9.2	26,695
1970-71	48.4	1,256	1,070	1,348	1,545	1,800	10.2	32,513
1972-73	53.0	1,520	1,292	1,655	1,839	2,522	15.0	35,284

1973 TAX RATE	
Official	Equalized
134.60	71.34

1973 SCHOOL TAX RATE	
Official	Equalized
71.16	37.71

1973 MOODY'S BOND RATING
Aa

PUBLIC SCHOOL STUDENTS Receiving Subsidized Lunches: 1973-74		
	# of Lunch Program Students	% of Total Enrollment
TOTAL	396	2.2
Free	361	2.0
Reduced Price	35	0.2

STUDENTS ENROLLED IN METCO		
Year	# METCO Students	% of Total Enrollment
1967-68	75	0.4
1970-71	127	0.7
1972-73	161	0.9
1973-74	176	1.0

EDUCATIONAL CHARACTERISTICS

PERCENT DISTRIBUTION OF SCHOOL REVENUES: 1967-68; 1970-71; 1972-73									
Year	Total Public School Funds Provided *	Local Sources		Commonwealth Sources		Federal Sources		Other School Districts	
		\$	%	\$	%	\$	%	\$	%
1967-68	19,340,402	17,001,558	87.9	1,472,409	7.6	826,790	4.3	58,504	0.3
1970-71	25,634,485	22,257,024	86.8	2,445,110	9.5	782,511	3.1	122,704	0.5
1972-73	32,390,839	27,138,354	83.8	4,462,413	13.8	583,033	1.8	115,301	0.4
Notes: *The amount of Total Public School Funds Provided is not necessarily equal to the total of the Local, Commonwealth, Federal, and Other School District revenues because the total incorporates an adjustment figure reported in the annual budget for the beginning and ending balance.									

ABSOLUTE DOLLAR AND PERCENT CHANGES IN REVENUES: 1967-72									
Changes in Public School Funds Provided 1967-72	Total	Local Sources		Commonwealth Sources		Federal Sources		Other School Districts	
		\$	%	\$	%	\$	%	\$	%
	13,050,437	10,136,796	59.6	2,990,004	203.1	- 243,757	- 29.5	56,797	97.1

PERCENT CHANGE IN PROPORTIONAL DISTRIBUTION OF REVENUES: 1967-72				
% Change in Proportional Distribution of Revenue 1967-72	Local Sources		Commonwealth Sources	
	- 4.7		81.6	
			- 58.1	
			33.3	

METROPOLITAN PLANNING PROJECT/COMMUNITY PROFILE # 207 NEWTON

EDUCATIONAL CHARACTERISTICS

PERCENT DISTRIBUTION OF SCHOOL EXPENDITURES: 1967-68; 1970-71; 1972-73															
Year	Total Public School Funds Applied	Expenditures by School Committee						Expenditures for Services provided by Other Municipal Agencies		Expenditures for Regional School Assessments		Expenditures of Federal Funds		Expenditures of Revolving Funds	
		Administration		Instruction		Other*		\$	%	\$	%	\$	%		
		\$	%	\$	%	\$	%								
1967-68	19,340,402	441,715	2.3	12,640,902	65.4	2,352,861	12.2	2,748,954	14.2	0		727,888	3.8	428,082	2.2
1970-71	25,634,485	641,337	2.5	17,729,512	69.2	3,816,824	14.9	2,724,067	10.6	0		235,480	0.9	487,265	1.9
1972-73	32,390,839	964,328	3.0	19,613,494	60.6	5,123,354	15.8	5,981,839	18.5	0		258,013	0.8	449,811	1.4

Changes in Public School Funds Expended 1967-72	ABSOLUTE DOLLAR AND PERCENT CHANGES IN EXPENDITURES: 1967-72												
	Total Public School Funds Applied	Expenditures by School Committee						Expenditures for Regional School Assessments	Expenditures of Federal Funds	Expenditures of Revolving Funds			
		Administration		Instruction		Other*							
		\$	%	\$	%	\$	%						
13,050,437	522,613	118.3	6,972,592	55.1	2,770,493	117.7	3,232,885	117.6	0	-469,875	-64.6	21,729	5.1

Percent Change in Proportional Distribution of Expenditures 1967-72	PERCENT CHANGE IN PROPORTIONAL DISTRIBUTION OF EXPENDITURES: 1967-72						
	Expenditures by School Committee			Expenditures for Services provided by Other Municipal Agencies	Expenditures for Regional School Assessments	Expenditures of Federal Funds	Expenditures of Revolving Funds
	Administration	Instruction	Other*				
	30.4	- 7.3	29.5	30.3	0.0	-78.9	-36.4

Note: *Other includes the following categories: attendance, health service, pupil transportation, food services, athletics, other student-body activities, operation and maintenance of plant, fixed charges, community services, acquisitions of fixed assets, debt retirement and debt services, and programs with other districts.

EDUCATIONAL CHARACTERISTICS

1970 CENSUS: COUNT OF PERSONS 25 YEARS OF AGE AND OVER BY RACE AND YEARS OF SCHOOL COMPLETED									
Level and Years of School Completed	Total Population		White		Black		Spanish-American		
	#	%	#	%	#	%	#	%	
No School									
Year Completed	683	1.3	666	1.3	14	2.4	0		
Elementary:									
1-4 years	669	1.3	644	1.2	23	3.9	19	3.3	
5-6 years	1,258	2.4	1,224	2.4	15	2.5	8	1.4	
7 years	732	1.4	707	1.4	20	3.4	16	2.8	
8 years	2,229	4.2	2,183	4.2	30	5.0	0		
High School:									
1-3 years	5,450	10.4	5,315	10.3	109	18.3	18	3.1	
4 years	16,450	31.5	16,249	31.4	163	27.4	188	32.4	
College:									
1-3 years	8,730	16.6	8,643	16.7	57	9.6	121	20.9	
4 years	7,738	14.7	7,653	14.8	54	9.1	65	11.2	
5 years or more	8,643	16.4	8,435	16.3	110	18.5	145	25.0	
Total	52,582	100.0	51,719	100.0	595	100.0	580	100.0	

MEDIAN SCHOOL YEARS COMPLETED				
Total Population	White	Black	Spanish-American	
12.9	12.9	12.1	13.7	

DEMOGRAPHIC CHARACTERISTICS

CENSUS POPULATION BY RACE AND SPANISH LANGUAGE: 1960; 1970													
Year	Total Population	Total Population				Non-White						Spanish Language	
		White		Non-white		Black		Native-American		Asian-American		Other	
		#	%	#	%	#	%	#	%	#	%	#	%
1960	92,384	91,518	99.1	866	0.9	672	0.7	10	0.0	164	0.2	20	0.0
1970	91,066	89,237	98.0	1,829	2.0	1,092	1.2	52	0.1	476	0.5	209	0.2
1960-1970													
Increase (+)		2,281	-2.5	+963	111.2	+420	62.5	+42	420.0	+312	190.2	+189	945.0
Decrease (-)													
% Change in Proportional Distribution		-1.1		+122.2		+71.4		Undefined		+150.0		Undefined	
												Not Available	
												1,333	1.5

CENSUS POPULATION INCREASE OR DECREASE: 1960-1970	
1960-70	
Increase (+) or Decrease (-)	-1,121
% Change 1960-70	
Increase (+) or Decrease (-)	-1.2
Balance of Births to Deaths	
Excess of Births (+)	
Excess of Deaths (-)	+3,563
Net Migration	
Excess of People Moving In (+)	
Excess of People Moving Out (-)	-4,684

1970 CENSUS: FERTILITY RATIO BY RACE	
Total Population	1.178:1
White	1.169:1
Black	1.670:1
Spanish-American	1.282:1

DEMOGRAPHIC CHARACTERISTICS

1970 CENSUS: Household Population by Race			
Race	Total Population #	Population in Households	
		#	%
White	89,237	84,246	98.0
Black	1,092	1,031	1.2
Other	737	706	0.8
Total	91,066	85,983	100.0

1970 CENSUS: Number of Families by Sex of Family Head					
Family Head	Total Population	White	Black	Spanish-American	
Male	20,367	20,051	205		284
Female	2,327	2,294	28		5
Total	22,694	22,345	233		289

1970 CENSUS: AGE DISTRIBUTION BY RACE									
Age	Total	White		Non-white		Non-white			
		#	%	#	%	#	%	#	%
Under 5	5,673	5,504	6.2	169	9.2	87	8.0	82	11.1
5 - 9	7,244	7,054	7.9	190	10.4	97	8.9	93	12.6
10 - 14	8,282	8,105	9.1	177	9.7	92	8.4	85	11.5
15 - 19	9,925	9,753	10.9	172	9.4	113	10.3	59	8.0
20 - 24	7,335	7,195	8.1	140	7.7	83	7.6	57	7.7
25 - 44	19,534	18,962	21.2	572	31.3	335	30.7	237	32.2
45 - 64	21,982	21,664	24.3	318	17.4	227	20.8	91	12.3
65 and Over	11,091	11,000	12.3	91	5.0	58	5.3	33	4.5
Total	91,066	89,237	100.0	1,829	100.0	1,092	100.0	737	100.0

METROPOLITAN PLANNING PROJECT/COMMUNITY PROFILE # 207 NEWTON

DEMOGRAPHIC CHARACTERISTICS

1970 CENSUS: NATIVITY AND PARENTAGE					
Nativity	Total Population		White		Spanish-American
	#	%	#	#	#
Native of Native Parent	53,515	58.8	52,566	841	559
Foreign Stock	37,536	41.2	36,803	230	774
Total	91,051	100.0	89,369	1,071	1,333

1970 CENSUS: MOST FREQUENT COUNTRY of Origin of Foreign Stock			
Country of Origin	# of Persons	% Foreign Stock Population	
U.S.S.R.	8,644	23.0	
Italy	6,459	17.2	
Canada	5,434	14.5	
Ireland	3,510	9.4	

1970 CENSUS: SPANISH POPULATION INDICATORS		
Indicators	# of Persons	% of Total Population
Spanish Origin or Descent	750	0.8
Puerto Rican Birth or Parentage	199	0.2
Spanish Language	1,333	1.5

1970 CENSUS: MOST FREQUENT MOTHER TONGUES Other Than English		
Mother Tongue	# of Persons	% of Total Population
Yiddish	6,833	7.5
Italian	6,217	6.8
French	2,041	2.2
German	1,434	1.6

ECONOMIC CHARACTERISTICS

1970 CENSUS: NUMBER OF EMPLOYED PERSONS 16 YEARS OLD AND OVER BY OCCUPATION									
Occupation	Total Persons Employed		White		Black		Spanish-American		
	#	%	#	%	#	%	#	%	
Professional, Technical and Kindred Workers	11,334	29.1	11,096	29.0	145	27.1	149	32.5	
Managers and Administrators, except Farm	5,798	14.9	5,769	15.1	16	3.0	61	13.3	
Sales Workers	3,692	10.2	3,670	9.6	22	4.1	35	7.6	
Clerical and Kindred Workers	7,247	18.6	7,176	18.8	66	12.3	52	11.3	
Craftsmen, Foremen and Kindred Workers	2,928	7.5	2,907	7.6	16	3.0	48	10.5	
Operatives, except Transport	2,011	5.2	1,906	5.0	69	12.9	43	9.4	
Transport Equipment Operatives	754	1.9	734	1.9	15	2.8	5	1.1	
Laborers, except Farm	1,001	2.6	982	2.6	12	2.2	0		
Farmers and Farm Managers	51	0.1	51	0.1	0		0		
Farm Laborers and Foremen	42	0.1	42	0.1	0		0		
Service Workers, except Private Household	3,499	9.0	3,430	9.0	45	8.4	30	6.5	
Private Household Workers	580	1.5	447	1.2	129	24.1	36	7.8	
Total	38,937	100.0	38,210	100.0	535	100.0	459	100.0	

ECONOMIC CHARACTERISTICS

MEDIAN INCOME: 1960 CENSUS; 1970 CENSUS									
Year	Families			Unrelated Individuals					
	All	White	Black	Spanish-American	All	White	Black	Spanish-American	
1960	9,008	N.A.	N.A.	N.A.	1,491	N.A.	N.A.	N.A.	
1970	\$15,380	\$15,400	\$13,044	\$17,130	\$2,246	\$2,263	\$2,138	\$2,321	

1970 CENSUS: EMPLOYMENT STATUS BY RACE of Persons 16 Years of Age and Over in Labor Force									
Employment Status	Total Population		White		Black		Spanish-American		
	#	%	#	%	#	%	#	%	%
Employed	38,937	97.2	38,210	97.2	535	98.9	459	96.2	
Unemployed	1,119	2.8	1,102	2.8	6	1.1	18	3.8	
Total	40,056	100.0	39,312	100.0	541	100.0	477	100.0	

METROPOLITAN PLANNING PROJECT/COMMUNITY PROFILE # 207 NEWTON

ECONOMIC CHARACTERISTICS

1970 CENSUS: Number of Persons in Families and Number of Unrelated Individuals with Income Less Than Poverty Level								
Family Status	Total Population		White		Black		Spanish-American	
	#	%	#	%	#	%	#	%
Persons in Families	2,113	48.3	2,066	48.6	47	43.1	55	100.0
Unrelated Individuals	2,258	51.7	2,181	51.4	62	56.9	0	
Total	4,371	100.0	4,247	100.0	109	100.0	55	100.0

1970 CENSUS: Number of Related Children Under 18 in Families Below Poverty Level by Presence of Parents								
Parental Presence	Total Population		White		Black		Spanish-American	
	#	%	#	%	#	%	#	%
Living with Both Parents	415	1.6	398	1.5	17	5.2	15	2.7
Other	480	1.8	470	1.8	10	3.1	39	7.0
Total	895	3.4	868	3.3	27	79.4	54	9.7

ECONOMIC CHARACTERISTICS

CHARACTERISTICS OF INDUSTRIAL FIRMS: 1967				
Industry	Number of Firms	Annual Payroll in \$	Average Number of Employees	Average Annual Wage in \$
Agriculture and Mining	46	727,819	162	4,493
Construction	242	15,795,807	1,996	7,914
Manufacturing	105	76,772,072	10,350	7,418
Transportation, Communication, and Utilities	57	2,269,362	463	4,901
Wholesale and Retail Trade	692	43,651,874	7,593	5,749
Finance, Insurance, Real Estate	197	5,446,346	924	5,894
Service Industries	521	25,213,831	4,674	5,394
Total	1,860	169,877,111	26,162	6,493

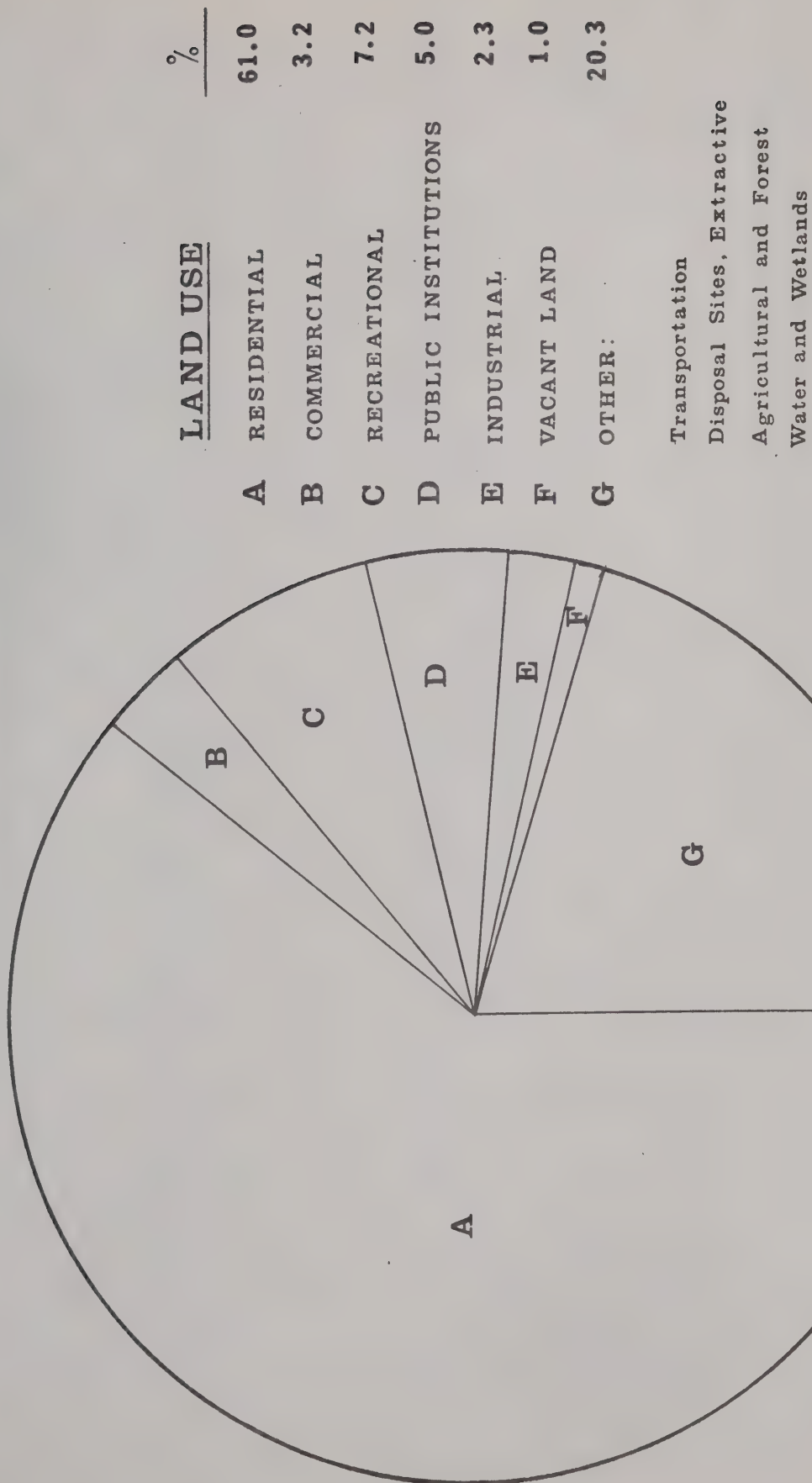
ECONOMIC CHARACTERISTICS

CHARACTERISTICS OF INDUSTRIAL FIRMS: 1972				
Industry	Number of Firms	Annual Payroll in \$	Average Number of Employees	Average Annual Wage in \$
Agriculture and Mining	44	881,836	157	5,617
Construction	241	34,077,031	2,847	11,969
Manufacturing	91	33,102,384	3,381	9,791
Transportation, Communication, and Utilities	49	4,256,109	561	7,587
Wholesale and Retail Trade	683	73,669,665	10,664	6,908
Finance, Insurance, Real Estate	220	9,363,076	1,126	8,315
Service Industries	577	69,729,970	9,126	7,641
Total	1,905	225,080,071	27,863	8,078

METROPOLITAN PLANNING PROJECT/COMMUNITY PROFILE # 207

1971 LAND USE PATTERN IN

NEWTON



HOUSING CHARACTERISTICS

1970 CENSUS: SELECTED HOUSING CHARACTERISTICS												
Total Housing Units					Occupied Housing Units					Median Value Owner Occupied Unit		
Total		Vacant		Occupied		Total		Owner Occupied		Renter Occupied		Median Contract Rent
#	%	#	%	#	%	#	%	#	%	#	%	\$
27,425	100.0	467	1.7	26,958	98.3	26,958	100.0	19,101	70.9	7,857	29.1	145
										33,600		

1970 CENSUS: NUMBER OF HOUSING UNITS by Occupancy Status and Race of Head of Household						
Occupancy Status	Total		White Head of Household		Black Head of Household	
	#	%	#	%	#	%
Owner Occupied	19,101	69.7	18,841	71.0	155	61.5
Renter Occupied	7,857	28.7	7,695	29.0	97	38.5
Vacant Year Round	464	1.7	Not Applicable			
Total	27,422	100.0	26,536	100.0	252	100.0

BUILDING PERMITS ISSUED FOR NEW Dwelling Units: 1960-1971	
Year Issued	Number
1960-1964	808
1965-1970	1,352
1971	115
Total	2,275

METROPOLITAN PLANNING PROJECT/COMMUNITY PROFILE # 207 NEWTON

HOUSING CHARACTERISTICS

NUMBER OF SUBSIDIZED HOUSING UNITS BY TYPE OF UNIT BY CONSTRUCTION STATUS: 1973									
Status	Total Subsidized Units	Low Income Units			Moderate Income Units			MHFA Low-Moderate Income Units	
		Elderly	Family	Leased	Elderly	Family Homeownership	Rental Assistance	Low	Moderate
Completed	449	226	0	220	0	3	0	0	0
Under Construction	0								
In Planning	143	90	53	0	0	0	0	0	0

1970 CENSUS: AGE OF HOUSING UNITS									
Year Built	Total Housing Units		Black Occupied Housing Units		Other Occupied Housing Units		Spanish-American Occupied Housing Units		
	#	%	#	%	#	%	#	%	
1965-March 1970	1,451	5.3	19	6.8	1,432	5.3	19	6.4	
1960-1964	835	3.0	12	4.3	823	3.0	17	5.7	
1950-1959	3,703	13.5	16	5.8	3,687	13.6	7	2.4	
1940-1949	2,919	10.6	17	6.1	2,902	10.7	59	19.9	
1939 or earlier	18,516	67.5	214	77.0	18,302	67.4	194	65.5	
Total	27,424	100.0	278	100.0	27,146	100.0	296	100.0	

HOUSING CHARACTERISTICS

1970 CENSUS: NUMBER OF PERSONS PER ROOM IN OCCUPIED HOUSING UNITS						
Persons per Room	by Race of Head of Household					
	Total Occupied		Black Occupied		Other Occupied	
	Units		Units		Units	
	#	%	#	%	#	%
1.00 or less	26,219	97.3	239	94.8	25,980	97.3
1.01 to 1.50	597	2.2	10	4.0	587	2.2
1.51 or more	142	0.5	3	1.2	139	0.5
Total	26,958	100.0	252	100.0	26,706	100.0

1970 CENSUS: Average Number of Persons per Housing Unit	
Total Occupied Housing Units	3.2
Black Occupied Housing Units	3.4
Other Occupied Housing Units	3.1
Spanish-American Occupied Housing Units	4.0

1970 CENSUS: TYPE OF HOUSING STRUCTURE		
Type	# of Structures	% of Housing Units
1 Unit	17,160	62.6
2 Units	6,226	22.7
3-4 Units	1,718	6.3
5-9 Units	843	3.1
10 or more Units	1,473	5.4
Mobile Home or Trailer	4	0.0
Total	27,424	100.0

HOUSING CHARACTERISTICS

1970 CENSUS: VALUE OF OWNER OCCUPIED HOUSING UNITS BY RACE OF HEAD OF HOUSEHOLD									
	Total Owner Occupied Units		Black Owner Occupied Units		Other Owner Occupied Units		Spanish-American Owner Occupied Units		
	#	%	#	%	#	%	#	%	
Less than \$5,000	21	0.1	0		21	0.1	0		
\$5,000 - \$7,499	29	0.2	0		29	0.2	0		
\$7,500 - \$9,999	79	0.5	0		79	0.5	0		
\$10,000 - \$12,499	117	0.7	0		117	0.7	0		
\$12,500 - \$14,999	197	1.2	0		197	1.3	0		
\$15,000 - \$17,499	358	2.3	0		358	2.3	0		
\$17,500 - \$19,999	614	3.9	23	14.5	591	3.8	0		
\$20,000 - \$24,999	2,441	15.4	41	25.8	2,400	15.3	6	4.4	
\$25,000 - \$34,999	4,576	28.8	53	33.3	4,523	28.8	50	36.5	
\$35,000 - \$49,999	4,356	27.4	28	17.6	4,328	27.5	49	35.8	
\$50,000 and over	3,091	19.5	14	8.8	3,077	19.6	32	23.4	
Total	15,879	100.0	159	100.0	15,720	100.0	137	100.0	

METROPOLITAN PLANNING PROJECT/COMMUNITY PROFILE # 207 NEWTON

HOUSING CHARACTERISTICS

1970 CENSUS: MONTHLY GROSS RENT BY RACE OF HEAD OF HOUSEHOLD									
Monthly Gross Rent	Total Renter		Black Renter		Other Renter		Spanish-American		
	#	%	#	%	#	%	#	%	
Less than \$30	0		0		0		0		
\$30 - \$49	180	2.3	0		180	2.3	0		
\$50 - \$69	108	1.4	7	6.7	101	1.3	0		
\$70 - \$89	227	2.9	0		227	2.9	0		
\$90 - \$119	758	9.7	5	4.8	753	9.7	8	6.0	
\$120 - \$149	1,254	16.0	18	17.1	1,236	16.0	48	36.1	
\$150 - \$199	2,392	30.5	36	34.3	2,356	30.5	39	29.3	
\$200 - \$249	1,413	18.0	17	16.2	1,396	18.0	24	18.0	
\$250 - \$299	553	7.1	13	12.4	540	7.0	7	5.3	
\$300 or more	566	7.2	4	3.8	562	7.3	7	5.3	
No Cash Rent	389	5.0	5	4.8	384	5.0	0		
Total	7,840	100.0	105	100.0	7,735	100.0	133	100.0	

School District #	207
School #	005

1973-74
School District: Newton
School Name: A. E. Angier
No. & Street: 1697 Beacon
City, State, Zip: Waban, Mass. 02168
Grade Organization: K-6
Facilities:
Initial Construction Date: 1930
Dates of Additions or Changes:

Rooms, Instructional Use: 21
Rooms, Other Uses: 12
TOTAL 33

1973-74	
Federal Programs	
Title I:	
Type of Program:	
# of Students:	0
% School Enrollment:	
Lunch Program:	
# Students, Free:	7
# Students, Reduced Price:	0
TOTAL	7
% School Enrollment:	1.7
Bilingual Program:	
# Eligible Students:	0
% School Enrollment:	
METCO Interdistrict Program:	
# Students:	0
% School Enrollment:	

[illegible]

School District # 207
School # 005

STUDENT ETHNIC CENSUS: 1973-74						
	Total	White	Non-white	Non-white		
				Black	Native-American	Asian-American
Number	403	388	15	5	0	7
Percent	100.0	96.3	3.7	1.2		1.7
						Spanish Surname
						3
						0.7

RACIAL CENSUS: 1967-68, 1970-71, 1972-73					
Years	Total Enrollment	White		Non-white	
		#	%	#	%
1967-1968	551	550	99.8	1	0.2
1970-1971	519	505	97.3	14	2.7
1972-1973	435	421	96.8	14	3.2

RACIAL CENSUS: ENROLLMENT CHANGE 1967-1972			
	#	%	% Change in Proportional Distribution
TOTAL	-116	-21.1	
White	-129	-23.5	-3.0
Non-white	+13	+1300.0	+1500.0

ELIGIBLE TRANSITIONAL BILINGUAL STUDENTS: 1973-74		
Language	Number of Students	Percent of Bilingual Enrollment
TOTAL	0	
Chinese		
French		
Greek		
Italian		
Portuguese		
Spanish		
Other		

School District #	207
School #	010

1973-74
School District: Newton
School Name: Beethoven
No. & Street: 30 Beethoven Avenue
City, State, Zip: Waban, Mass. 02168
Grade Organization: K-6
Facilities:
Initial Construction Date: 1954
Dates of Additions or Changes: _____
Rooms, Instructional Use: N.A.
Rooms, Other Uses: N.A.
TOTAL N.A.
No (140) classrooms

1973-74	
Federal Programs	
Title I:	
Type of Program:	
# of Students:	0
% School Enrollment:	
Lunch Program:	
# Students, Free:	1
# Students, Reduced Price:	0
TOTAL	1
% School Enrollment:	0.3
Bilingual Program:	
# Eligible Students:	8
% School Enrollment:	2.7
METCO Interdistrict Program:	
# Students:	0
% School Enrollment:	

[illegible]

STUDENT ETHNIC CENSUS: 1973-74							School District # 207
							School # 010
	Total	White	Non-white	Black	Native-American	Asian-American	Spanish Surname
Number	294	286	8	3	0	2	3
Percent	100.0	97.3	2.7	1.0		0.7	1.0

RACIAL CENSUS: 1967-68, 1970-71, 1972-73					
Years	Total Enrollment	White		Non-white	
		#	%	#	%
1967-1968	314	305	97.1	9	2.9
1970-1971	343	335	97.7	8	2.3
1972-1973	295	293	99.3	2	0.7

RACIAL CENSUS: ENROLLMENT CHANGE 1967-1972			
	#	%	% Change in Proportional Distribution
TOTAL	-19	-6.1	
White	-12	-3.9	+7.2
Non-white	-7	-77.8	-75.9

ELIGIBLE TRANSITIONAL BILINGUAL STUDENTS: 1973-74		
Language	Number of Students	Percent of Bilingual Enrollment
TOTAL	8	100.0
Chinese	0	
French	0	
Greek	0	
Italian	0	
Portuguese	0	
Spanish	1	12.5
Other	7	87.5

METROPOLITAN PLANNING PROJECT/INDIVIDUAL SCHOOL PROFILE

School District # 207
School # 015

1973-74
School District: Newton
School Name: Bowen
No. & Street: 280 Cypress
City, State, Zip: Newton Centre, Mass. 02159
Grade Organization: K-6
Facilities:
Initial Construction Date: 1951
Dates of Additions or Changes:
Rooms, Instructional Use: N.A.
Rooms, Other Uses: N.A.
TOTAL 61

1973-74
Federal Programs
Title I:
Type of Program:
of Students: 0
% School Enrollment:
Lunch Program:
Students, Free: 7
Students, Reduced Price: 0
TOTAL 7
% School Enrollment: 2.1
Bilingual Program:
Eligible Students: 4
% School Enrollment: 1.2
METCO Interdistrict Program:
Students: 0
% School Enrollment:

STAFF ETHNIC CENSUS: 1973-74													
Professional Staff	Census		Age				Years in Present System			Position			
	#	%	Under 26	26-34	35-55	56 & Over	Under 3	3-9	10 & Over	Administrators	Teachers	Teacher Aides	Other Professionals
TOTAL	23	100.0	3	8	10	1	5	12	5	1	21	0	1
White	20	87.0	3	5	9	1	3	11	4	1	18	0	1
Black	1	4.3	0	1	0	0	0	0	0	0	1	0	0
Spanish Surname	0		0	0	0	0	0	0	0	0	0	0	0
Asian-American	0		0	0	0	0	0	0	0	0	0	0	0
Native-American	0		0	0	0	0	0	0	0	0	0	0	0
Other	1	4.3	0	1	0	0	1	0	0	0	1	0	0

School District # 207
School # 015

STUDENT ETHNIC CENSUS: 1973-74							
	Total	White	Non-white	Non-white			
				Black	Native-American	Asian-American	Spanish Surname
Number	341	320	21	7	0	13	1
Percent	100.0	93.8	6.2	2.1		3.8	0.3

RACIAL CENSUS: 1967-68, 1970-71, 1972-73					
Years	Total Enrollment	White		Non-white	
		#	%	#	%
1967-1968	406	401	98.8	5	1.2
1970-1971	369	349	94.6	20	5.4
1972-1973	332	308	92.8	24	7.2

RACIAL CENSUS: ENROLLMENT CHANGE 1967-1972				
TOTAL	#	%	% Change in Proportional Distribution	
White	-93	-23.2		-6.1
Non-white	+19	+380.0		+500.0

ELIGIBLE TRANSITIONAL BILINGUAL STUDENTS: 1973-74		
Language	Number of Students	Percent of Bilingual Enrollment
TOTAL	4	100.0
Chinese	2	50.0
French	1	25.0
Greek	0	
Italian	1	25.0
Portuguese	0	
Spanish	0	
Other	0	

School District #	207
School #	020

1973-74

School District:	Newton
School Name:	Burr
No. & Street:	171 Pine
City, State, Zip:	Auburndale, Mass. 02166
Grade Organization:	K-6
Facilities:	
Initial Construction Date:	1967
Dates of Additions or Changes:	
# Rooms, Instructional Use:	26
# Rooms, Other Uses:	18
TOTAL	44

1973-74	
Federal Programs	
Title I:	
Type of Program:	
# of Students:	0
% School Enrollment:	
Lunch Program:	
# Students, Free:	2
# Students, Reduced Price:	0
TOTAL	2
% School Enrollment:	0.5
Bilingual Program:	
# Eligible Students:	2
% School Enrollment:	0.5
METCO Interdistrict Program:	
# Students:	0
% School Enrollment:	

[illegible]

STUDENT ETHNIC CENSUS: 1973-74							School District # 207
							School # 020
	Total	White	Non-white	Non-white			
				Black	Native-American	Asian-American	Spanish Surname
Number	401	393	8	7	0	1	0
Percent	100.0	98.0	2.0	1.7		0.2	

RACIAL CENSUS: 1967-68, 1970-71, 1972-73					
Years	Total Enrollment	White		Non-white	
		#	%	#	%
1967-1968	498	493	99.0	5	1.0
1970-1971	453	447	98.7	6	1.3
1972-1973	431	431	100.0	0	

RACIAL CENSUS: ENROLLMENT CHANGE 1967-1972			
	#	%	% Change in Proportional Distribution
TOTAL	-67	-13.5	
White	-62	-12.6	+1.0
Non-white	-5	-100.0	-100.0

ELIGIBLE TRANSITIONAL BILINGUAL STUDENTS: 1973-74		
Language	Number of Students	Percent of Bilingual Enrollment
TOTAL	2	100.0
Chinese	0	
French	0	
Greek	0	
Italian	0	
Portuguese	0	
Spanish	0	
Other	2	100.0

School District #207
School # 025

1973-74
School District: Newton
School Name: Cabot
No. & Street: 229 Cabot
City, State, Zip: Newtonville, Mass. 02160
Grade Organization: K-6
Facilities:
Initial Construction Date: 1929
Dates of Additions or Changes: 1957
Rooms, Instructional Use: 25
Rooms, Other Uses: 6
TOTAL 31

1973-74	
Federal Programs	
Title I:	
Type of Program:	
# of Students:	0
% School Enrollment:	
Lunch Program:	
# Students, Free:	4
# Students, Reduced Price:	4
TOTAL	8
% School Enrollment:	1.8
Bilingual Program:	
# Eligible Students:	4
% School Enrollment:	0.9
METCO Interdistrict Program:	
# Students:	0
% School Enrollment:	

[illegible]

School District # 207
School # 025

STUDENT ETHNIC CENSUS: 1973-74					
	Total	White	Non-white	Non-white	
				Black	Native-American
					Asian-American
					Spanish Surname
Number	452	422	30	8	0
Percent	100.0	93.4	6.6	1.8	4.9

RACIAL CENSUS: 1967-68, 1970-71, 1972-73					
Years	Total Enrollment	White		Non-white	
		#	%	#	%
1967-1968	541	535	98.9	6	1.1
1970-1971	475	464	97.7	11	2.3
1972-1973	454	430	94.7	24	5.3

RACIAL CENSUS: ENROLLMENT CHANGE 1967-1972			
	#	%	% Change in Proportional Distribution
TOTAL	-87	-16.1	
White	-105	-19.6	-4.2
Non-white	+ 18	+300.0	+381.8

ELIGIBLE TRANSITIONAL BILINGUAL STUDENTS: 1973-74		
Language	Number of Students	Percent of Bilingual Enrollment
TOTAL	4	100.0
Chinese	1	25.0
French	0	
Greek	1	25.0
Italian	0	
Portuguese	0	
Spanish	0	
Other	2	50.0

School	District #	207
School #	030	
1	1	1
2	2	2
3	3	3
4	4	4
5	5	5
6	6	6
7	7	7
8	8	8
9	9	9
10	10	10
11	11	11
12	12	12
13	13	13
14	14	14
15	15	15
16	16	16
17	17	17
18	18	18
19	19	19
20	20	20
21	21	21
22	22	22
23	23	23
24	24	24
25	25	25
26	26	26
27	27	27
28	28	28
29	29	29
30	30	30
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34	34	34
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38	38	38
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92	92	92
93	93	93
94	94	94
95	95	95
96	96	96
97	97	97
98	98	98
99	99	99
100	100	100

1973-74
Federal Programs
Title I:
 Type of Program:
 # of Students:
 % School Enrollment:
Lunch Program:
 # Students, Free:
 # Students, Reduced Price:
TOTAL
 % School Enrollment:
Bilingual Program:
 # Eligible Students:
 % School Enrollment:
METCO Interdistrict Program:
 # Students:
 % School Enrollment:

[illegible]

School District # 207
School # 030

STUDENT ETHNIC CENSUS: 1973-74						
	Total	White	Non-white	Non-white		
				Black	Native-American	Asian-American
Number	308	291	17	6	0	11
Percent	100.0	94.5	5.5	1.9		3.6
						Spanish Surname
						0

RACIAL CENSUS: 1967-68, 1970-71, 1972-73						
Years	Total Enrollment	White		Non-white		% Change in Proportional Distribution
		#	%	#	%	
1967-1968	349	347	99.4	2	0.6	
1970-1971	352	341	96.9	11	3.1	
1972-1973	306	290	94.8	16	5.2	

RACIAL CENSUS: ENROLLMENT CHANGE 1967-1972			
	#	%	% Change in Proportional Distribution
TOTAL	-43	-12.3	
White	-57	-16.4	-4.6
Non-white	+14	+700.0	+766.7

ELIGIBLE TRANSITIONAL BILINGUAL STUDENTS: 1973-74		
Language	Number of Students	Percent of Bilingual Enrollment
TOTAL	16	100.0
Chinese	0	
French	0	
Greek	0	
Italian	16	100.0
Portuguese	0	
Spanish	0	
Other	0	

METROPOLITAN PLANNING PROJECT/INDIVIDUAL SCHOOL PROFILE

School District # 207
School # 040

1973-74
School District: Newton
School Name: Countryside
No. & Street: 191 Dedham
City, State, Zip: Newton Highlands, Mass. 02161
Grade Organization: K-6
Facilities:
Initial Construction Date: 1953
Dates of Additions or Changes: _____
Rooms, Instructional Use: 26
Rooms, Other Uses: 14
TOTAL 40

1973-74
Federal Programs
Title I:
Type of Program: _____
of Students: 0
% School Enrollment: _____
Lunch Program:
Students, Free: 3
Students, Reduced Price: 1
TOTAL 4
% School Enrollment: 1.4
Bilingual Program:
Eligible Students: 0
% School Enrollment: _____
METCO Interdistrict Program:
Students: 4
% School Enrollment: 1.4

STAFF ETHNIC CENSUS: 1973-74										
Professional Staff	Census		Age					Years in Present System		
	#	%	Under 26	26-34	35-55	56 & Over	Under 3	3-9	10 & Over	Position
TOTAL	24	100.0	3	10	9	1	5	10	9	Teachers 20, Adminis- trators 1, Teacher Aides 3, Other Profes- sionals 0
White	22	91.7	3	9	8	1	4	9	8	Teachers 18, Adminis- trators 1, Teacher Aides 3, Other Profes- sionals 0
Black	0		0	1	1	0	0	1	1	Teachers 0, Adminis- trators 0, Teacher Aides 0, Other Profes- sionals 0
Spanish Surname	0		0	0	0	0	0	0	0	Teachers 0, Adminis- trators 0, Teacher Aides 0, Other Profes- sionals 0
Asian-American	0		0	0	0	0	0	0	0	Teachers 0, Adminis- trators 0, Teacher Aides 0, Other Profes- sionals 0
Native-American	0		0	0	0	0	0	0	0	Teachers 0, Adminis- trators 0, Teacher Aides 0, Other Profes- sionals 0
Other	0		0	0	0	0	0	0	0	Teachers 0, Adminis- trators 0, Teacher Aides 0, Other Profes- sionals 0

STUDENT ETHNIC CENSUS: 1973-74							School District # 207	School # 035
	Total	White	Non-white	Black	Native-American	Asian-American	Spanish Surname	
Number	363	338	25	13	0	8	4	
Percent	100.0	93.1	6.9	3.6		2.2	1.1	

RACIAL CENSUS: 1967-68, 1970-71, 1972-73					
Years	Total Enrollment	White #	White %	Non-white #	Non-white %
1967-1968	383	368	96.1	15	3.9
1970-1971	376	344	91.5	32	8.5
1972-1973	342	328	95.9	14	4.1

RACIAL CENSUS: ENROLLMENT CHANGE 1967-1972			
	#	%	% Change in Proportional Distribution
TOTAL	-41	-10.7	
White	-40	-10.9	-0.2
Non-white	-1	-6.7	+5.1

ELIGIBLE TRANSITIONAL BILINGUAL STUDENTS: 1973-74		
Language	Number of Students	Percent of Bilingual Enrollment
TOTAL	3	100.0
Chinese	2	66.7
French	0	
Greek	0	
Italian	1	33.3
Portuguese	0	
Spanish	0	
Other	0	

METROPOLITAN PLANNING PROJECT/INDIVIDUAL SCHOOL PROFILE

1973-74	
School District: <u>Newton</u>	
School Name: <u>Countryside</u>	
No. & Street: <u>191 Dedham</u>	
City, State, Zip: <u>Newton Highlands, Mass. 02161</u>	
Grade Organization: <u>K-6</u>	
Facilities:	
Initial Construction Date: <u>1953</u>	
Dates of Additions or Changes:	
# Rooms, Instructional Use:	<u>26</u>
# Rooms, Other Uses:	<u>14</u>
TOTAL	<u>40</u>

[illegible]

School District # 207
School # 040

STUDENT ETHNIC CENSUS: 1973-74					
Total	White	Non-white	Black	Native-American	Non-white Asian-American Spanish Surname
Number	271	23	17	0	4
Percent	92.2	7.8	5.8		1.4
					0.7

RACIAL CENSUS: 1967-68, 1970-71, 1972-73					
Years	Total Enrollment	White #	White %	Non-white #	Non-white %
1967-1968	388	364	93.8	24	6.2
1970-1971	363	351	96.7	12	3.3
1972-1973	344	314	91.3	30	8.7

RACIAL CENSUS: ENROLLMENT CHANGE 1967-1972			
	#	%	% Change in Proportional Distribution
TOTAL	-44	-11.3	
White	-50	-13.7	-2.7
Non-white	+ 6	+25.0	+40.3

ELIGIBLE TRANSITIONAL BILINGUAL STUDENTS: 1973-74		
Language	Number of Students	Percent of Bilingual Enrollment
TOTAL	0	
Chinese		
French		
Greek		
Italian		
Portuguese		
Spanish		
Other		

METROPOLITAN PLANNING PROJECT/INDIVIDUAL SCHOOL PROFILE

1973-74
School District: Newton
School Name: Davis
No. & Street: 492 Waltham
City, State, Zip: West Newton, Mass. 02165
Grade Organization: K-6
Facilities:
Initial Construction Date: 1922
Dates of Additions or Changes: _____
Rooms, Instructional Use: 17
Rooms, Other Uses: 10
TOTAL 27

STUDENT ETHNIC CENSUS: 1973-74							School District # 207 School # 045
Total		White	Non-white	Black	Non-white		
					Native-American	Asian-American	Spanish Surname
Number	309	288	21	16	0	2	3
Percent	100.0	93.2	6.8	5.2		0.6	1.0

RACIAL CENSUS: 1967-68, 1970-71, 1972-73					
Years	Total Enrollment	White		Non-white	
		#	%	#	%
1967-1968	298	281	94.3	17	5.7
1970-1971	282	270	95.3	12	4.3
1972-1973	315	301	95.6	14	4.4

RACIAL CENSUS: ENROLLMENT CHANGE 1967-1972			
	#	%	% Change in Proportional Distribution
TOTAL	+17	+5.7	
White	+20	+7.1	+1.4
Non-white	-3	-17.6	-22.8

ELIGIBLE TRANSITIONAL BILINGUAL STUDENTS: 1973-74		
Language	Number of Students	Percent of Bilingual Enrollment
TOTAL	5	100.0
Chinese	0	
French	0	
Greek	0	
Italian	4	80.0
Portuguese	0	
Spanish	1	20.0
Other	0	

METROPOLITAN PLANNING PROJECT/INDIVIDUAL SCHOOL PROFILE

1973-74
School District: Newton
School Name: Emerson
No. & Street: 5 High
City, State, Zip: Newton Upper Falls, Mass. 02164
Grade Organization: K-6
Facilities:
Initial Construction Date: 1904
Dates of Additions or Changes: 1955
Rooms, Instructional Use: 23
Rooms, Other Uses: 18
TOTAL 41

[illegible]

STUDENT ETHNIC CENSUS: 1973-74							School District # 207
							School # 050
	Total	White	Non-white	Non-white			
				Black	Native-American	Asian-American	Spanish Surname
Number	265	253	12	7	0	5	0
Percent	100.0	95.5	4.5	2.6		1.9	

RACIAL CENSUS: 1967-68, 1970-71, 1972-73					
Years	Total Enrollment	White		Non-white	
		#	%	#	%
1967-1968	304	298	98.0	6	2.0
1970-1971	290	276	95.2	14	4.8
1972-1973	286	270	94.4	16	5.6

RACIAL CENSUS: ENROLLMENT CHANGE 1967-1972			
	#	%	% Change in Proportional Distribution
TOTAL	-18	-5.9	
White	-28	-9.4	+3.7
Non-white	+10	+166.7	+180.0

ELIGIBLE TRANSITIONAL BILINGUAL STUDENTS: 1973-74		
Language	Number of Students	Percent of Bilingual Enrollment
TOTAL	2	100.0
Chinese	0	
French	0	
Greek	0	
Italian	2	100.0
Portuguese	0	
Spanish	0	
Other	0	

School District #	207
School #	055

1973-74
School District: Newton
School Name: Franklin
No. & Street: 125 Derby
City, State, Zip: West Newton, Mass. 02165
Grade Organization: K-6
Facilities:
Initial Construction Date: 1939
Dates of Additions or Changes: 1948, 1954
Rooms, Instructional Use: 30
Rooms, Other Uses: 36
TOTAL 66

1973-74	
Federal Programs	
Title I:	
Type of Program:	
# of Students:	0
% School Enrollment:	
Lunch Program:	
# Students, Free:	12
# Students, Reduced Price:	0
TOTAL	12
% School Enrollment:	2.3
Bilingual Program:	
# Eligible Students:	8
% School Enrollment:	1.6
METCO Interdistrict Program:	
# Students:	0
% School Enrollment:	

[illegible]

School District # 207
School # 055

STUDENT ETHNIC CENSUS: 1973-74							
	Total	White	Non-white	Non-white			
				Black	Native-American	Asian-American	Spanish Surname
Number	514	496	18	11	0	5	2
Percent	100.0	96.5	3.5	2.1		1.0	0.4

RACIAL CENSUS: 1967-68, 1970-71, 1972-73					
Years	Total Enrollment	White		Non-white	
		#	%	#	%
1967-1968	557	539	96.8	18	3.2
1970-1971	544	522	96.0	22	4.0
1972-1973	533	513	96.2	20	3.8

RACIAL CENSUS: ENROLLMENT CHANGE 1967-1972			
	#	%	% Change in Proportional Distribution
TOTAL	-24	-4.3	
White	-26	-4.8	+0.6
Non-white	+2	+11.1	+18.8

ELIGIBLE TRANSITIONAL BILINGUAL STUDENTS: 1973-74		
Language	Number of Students	Percent of Bilingual Enrollment
TOTAL	8	100.0
Chinese	0	
French	0	
Greek	0	
Italian	5	62.5
Portuguese	0	
Spanish	1	12.5
Other	2	25.0

METROPOLITAN PLANNING PROJECT/INDIVIDUAL SCHOOL PROFILE

1973-74 Federal Programs		School District # 207
Title I:		School # 060
Type of Program:		
# of Students:		0
% School Enrollment:		
Lunch Program:		
# Students, Free:		3
# Students, Reduced Price:		0
TOTAL		3
% School Enrollment:		1.8
Bilingual Program:		
# Eligible Students:		0
% School Enrollment:		
METCO Interdistrict Program:		
# Students:		10
% School Enrollment:		5.9

1973-74
School District: Newton
School Name: Hamilton
No. & Street: 545 Grove
City, State, Zip: Newton Lower Falls, Mass. 02162
Grade Organization: K-6
Facilities:
Initial Construction Date: 1927
Dates of Additions or Changes: 1959
Rooms, Instructional Use: 18
Rooms, Other Uses: 12
TOTAL 30

[illegible]

School District # 207
School # 060

STUDENT ETHNIC CENSUS: 1973-74					
Total	White	Non-white	Non-white		
			Black	Native-American	Asian-American
					Spanish Surname
Number	148	21	18	0	2
Percent	87.6	12.4	10.7		1.2
					0.6

RACIAL CENSUS: 1967-68, 1970-71, 1972-73					
Years	Total Enrollment	White		Non-white	
		#	%	#	%
1967-1968	166	164	98.8	2	1.2
1970-1971	182	175	96.2	7	3.8
1972-1973	169	161	95.3	8	4.7

RACIAL CENSUS: ENROLLMENT CHANGE 1967-1972			
	#	%	% Change in Proportional Distribution
TOTAL	+3	+1.8	
White	-3	-1.8	-3.5
Non-white	+6	+300.0	+291.7

ELIGIBLE TRANSITIONAL BILINGUAL STUDENTS: 1973-74		
Language	Number of Students	Percent of Bilingual Enrollment
TOTAL	0	
Chinese		
French		
Greek		
Italian		
Portuguese		
Spanish		
Other		

METROPOLITAN PLANNING PROJECT/INDIVIDUAL SCHOOL PROFILE

School District # 207
School # 065

1973-74
School District: Newton
School Name: Hyde
No. & Street: 68 Lincoln
City, State, Zip: Newton, Mass. 02161
Grade Organization: K-6
Facilities:
Initial Construction Date: 1895
Dates of Additions or Changes: 1907, 1967
Rooms, Instructional Use: 25
Rooms, Other Uses: 14
TOTAL 39

1973-74
Federal Programs
Title I:
Type of Program:
of Students: 0
% School Enrollment:
Lunch Program:
Students, Free: 9
Students, Reduced Price: 0
TOTAL 9
% School Enrollment: 2.1
Bilingual Program:
Eligible Students: 5
% School Enrollment: 1.1
METCO Interdistrict Program:
Students: 1
% School Enrollment: 0.2

STAFF ETHNIC CENSUS: 1973-74														
Professional Staff	Census		Age					Years in Present System			Position			
	#	%	Under 26	26-34	35-55	56 & Over	Under 3	3-9	10 & Over	Administrators	Teachers	Teacher Aides	Other Professionals	
TOTAL	32	100.0	2	13	12	4	4	16	11	2	25	5	0	
White	31	96.9	2	13	12	3	4	16	10	1	25	5	0	
Black	0		0	0	0	0	0	0	0	0	0	0	0	
Spanish Surname	0		0	0	0	0	0	0	0	0	0	0	0	
Asian-American	0		0	0	0	0	0	0	0	0	0	0	0	
Native-American	0		0	0	0	0	0	0	0	0	0	0	0	
Other	1	3.1	0	0	0	1	0	0	1	1	0	0	0	

STUDENT ETHNIC CENSUS: 1973-74						School District # 207 School # 065	
	Total	White	Non-white	Black	Non-white		Spanish Surname
					Native-American	Asian-American	
Number	438	416	22	18	0	4	0
Percent	100.0	95.0	5.0	4.1		0.9	

RACIAL CENSUS: 1967-68, 1970-71, 1972-73					
Years	Total Enrollment	White		Non-white	
		#	%	#	%
1967-1968	525	506	96.4	19	3.6
1970-1971	482	464	96.3	18	3.7
1972-1973	456	428	93.9	28	6.1

RACIAL CENSUS: ENROLLMENT CHANGE 1967-1972			
	#	%	% Change in Proportional Distribution
TOTAL	-69	-13.1	
White	-78	-15.4	-2.6
Non-white	+9	+47.4	+69.4

ELIGIBLE TRANSITIONAL BILINGUAL STUDENTS: 1973-74		
Language	Number of Students	Percent of Bilingual Enrollment
TOTAL	5	100.0
Chinese	0	
French	0	
Greek	0	
Italian	0	
Portuguese	2	40.0
Spanish	2	40.0
Other	1	20.0

School District #	207
School #	070

1973-74

School District:	Newton
School Name:	Lincoln-Eliot
No. & Street:	191 Pearl
City, State, Zip:	Newton, Mass. 02158
Grade Organization:	K-6
Facilities:	
Initial Construction Date:	1939
Dates of Additions or Changes:	1966, 1968
# Rooms, Instructional Use:	20
# Rooms, Other Uses:	14
TOTAL	34

1973-74	
Federal Programs	
Title I:	
Type of Program:	Reading, Preschool
# of Students:	152
% School Enrollment:	37.7
Lunch Program:	
# Students, Free:	26
# Students, Reduced Price:	0
TOTAL	26
% School Enrollment:	6.5
Bilingual Program:	
# Eligible Students:	26
% School Enrollment:	6.5
METCO Interdistrict Program:	
# Students:	0
% School Enrollment:	

[illegible]

School District # 207
School # 070

STUDENT ETHNIC CENSUS: 1973-74							
	Total	White	Non-white	Non-white			
				Black	Native-American	Asian-American	Spanish Surname
Number	403	389	14	2	0	8	4
Percent	100.0	96.5	3.5	0.5		2.0	1.0

RACIAL CENSUS: 1967-68, 1970-71, 1972-73					
Years	Total Enrollment	White		Non-white	
		#	%	#	%
1967-					
1968	429	420	97.9	9	2.1
1970-					
1971	435	425	97.7	10	2.3
1972-					
1973	420	402	95.7	18	4.3

RACIAL CENSUS: ENROLLMENT CHANGE 1967-1972				
	#	%		% Change in Proportional Distribution
TOTAL	-9	-2.1		
White	-18	-4.3		+2.2
Non-white	+9	+100.0		+104.8

ELIGIBLE TRANSITIONAL BILINGUAL STUDENTS: 1973-74		
Language	Number of Students	Percent of Bilingual Enrollment
TOTAL	26	100.0
Chinese	4	15.4
French	0	
Greek	0	
Italian	22	84.6
Portuguese	0	
Spanish	0	
Other	0	

School District #	207
School #	075

1973-74
School District: Newton
School Name: Horace Mann
No. & Street: 687 Watertown
City, State, Zip: Newtonville, Mass. 02160
Grade Organization: K-6
Facilities:
Initial Construction Date: 1965
Dates of Additions or Changes: _____
Rooms, Instructional Use: 20
Rooms, Other Uses: 20
TOTAL 40

1973-74	
Federal Programs	
Title I:	
Type of Program:	
# of Students:	0
% School Enrollment:	
Lunch Program:	
# Students, Free:	16
# Students, Reduced Price:	0
TOTAL	16
% School Enrollment:	5.1
Bilingual Program:	
# Eligible Students:	0
% School Enrollment:	
METCO Interdistrict Program:	
# Students:	0
% School Enrollment:	

[illegible]

School District # 207
School # 075

STUDENT ETHNIC CENSUS: 1973-74					
	Total	White	Non-white	Non-white	
				Black	Native-American
					Asian-American
					Spanish Surname
Number	311	301	10	4	1
Percent	100.0	96.8	3.2	1.3	0.3

RACIAL CENSUS: 1967-68, 1970-71, 1972-73					
Years	Total Enrollment	White		Non-white	
		#	%	#	%
1967-1968	320	309	96.5	11	3.4
1970-1971	325	320	98.5	5	1.5
1972-1973	317	313	98.7	4	1.3

RACIAL CENSUS: ENROLLMENT CHANGE 1967-1972			
	#	%	% Change in Proportional Distribution
TOTAL	-3	-0.9	
White	+4	+1.3	+2.2
Non-white	-7	-63.6	-61.8

ELIGIBLE TRANSITIONAL BILINGUAL STUDENTS: 1973-74		
Language	Number of Students	Percent of Bilingual Enrollment
TOTAL	0	
Chinese		
French		
Greek		
Italian		
Portuguese		
Spanish		
Other		

METROPOLITAN PLANNING PROJECT/INDIVIDUAL SCHOOL PROFILE

1973-74 School District: <u>Newton</u>		School District # <u>207</u>
School Name: <u>Mason-Rice</u>		School # <u>080</u>
No. & Street: <u>149 Pleasant</u>		
City, State, Zip: <u>Newton Centre, Mass. 02159</u>		
Grade Organization: <u>K-6</u>		
Facilities:		
Initial Construction Date: <u>1959</u>		
Dates of Additions or Changes:		
# Rooms, Instructional Use: <u>29</u>		
# Rooms, Other Uses: <u>23</u>		
TOTAL <u>52</u>		

1973-74 Federal Programs	
Title I:	
Type of Program:	
# of Students:	<u>0</u>
% School Enrollment:	
Lunch Program:	
# Students, Free:	<u>3</u>
# Students, Reduced Price:	<u>2</u>
TOTAL	<u>5</u>
% School Enrollment:	<u>1.1</u>
Bilingual Program:	
# Eligible Students:	<u>0</u>
% School Enrollment:	
METCO Interdistrict Program:	
# Students:	<u>0</u>
% School Enrollment:	

1973-74 School District: <u>Newton</u>	
School Name: <u>Mason-Rice</u>	
No. & Street: <u>149 Pleasant</u>	
City, State, Zip: <u>Newton Centre, Mass. 02159</u>	
Grade Organization: <u>K-6</u>	
Facilities:	
Initial Construction Date: <u>1959</u>	
Dates of Additions or Changes:	
# Rooms, Instructional Use: <u>29</u>	
# Rooms, Other Uses: <u>23</u>	
TOTAL <u>52</u>	

STAFF ETHNIC CENSUS: 1973-74													
Professional Staff	Census		Age				Years in Present System			Position			
	#	%	Under 26	26-34	35-55	56 & Over	Under 3	3-9	10 & Over	Administrators	Teachers	Teacher Aides	Other Professionals
TOTAL	29	100.0	4	13	9	2	10	14	4	1	27	0	1
White	25	86.2	3	11	8	2	9	11	4	1	23	0	1
Black	1	3.7	1	0	0	0	0	1	0	0	1	0	0
Spanish Surname	0		0	0	0	0	0	0	0	0	0	0	0
Asian-American	0		0	0	0	0	0	0	0	0	0	0	0
Native-American	0		0	0	0	0	0	0	0	0	0	0	0
Other	2	7.1	0	2	0	0	0	1	0	0	2	0	0

STUDENT ETHNIC CENSUS: 1973-74										School District # 207	School # 080
		Total	White	Non-white	Black	Non-white			Spanish Surname		
						Native-American	Asian-American				
Number	444		424	20	6	0		13	1		
Percent	100.0		95.5	4.5	1.4			2.9	0.2		

RACIAL CENSUS: 1967-68, 1970-71, 1972-73					
Years	Total Enrollment	White		Non-white	
		#	%	#	%
1967-1968	561	542	96.6	19	3.4
1970-1971	519	501	96.5	18	3.5
1972-1973	472	450	95.3	22	4.7

RACIAL CENSUS: ENROLLMENT CHANGE 1967-1972				
	#	%	% Change in Proportional Distribution	
TOTAL	-89	-15.9		
White	-92	-17.0	- 1.3	
Non-white	+3	+15.8	+38.2	

ELIGIBLE TRANSITIONAL BILINGUAL STUDENTS: 1973-74		
Language	Number of Students	Percent of Bilingual Enrollment
TOTAL	0	
Chinese		
French		
Greek		
Italian		
Portuguese		
Spanish		
Other		

METROPOLITAN PLANNING PROJECT/INDIVIDUAL SCHOOL PROFILE

School District # 207	
School # 085	
1973-74	
Federal Programs	
Title I:	
Type of Program:	
# of Students:	0
% School Enrollment:	
Lunch Program:	
# Students, Free:	9
# Students, Reduced Price:	0
TOTAL	9
% School Enrollment:	4.7
Bilingual Program:	
# Eligible Students:	0
% School Enrollment:	
METCO Interdistrict Program:	
# Students:	8
% School Enrollment:	4.2

1973-74
School District: Newton
School Name: Memorial
No. & Street: 60 Stein Circle
City, State, Zip: Newton Centre, Mass. 02159
Grade Organization: K-6
Facilities:
Initial Construction Date: 1950
Dates of Additions or Changes: _____
Rooms, Instructional Use: 19
Rooms, Other Uses: 17
TOTAL 36

[illegible]

School District # 207 School # 085

STUDENT ETHNIC CENSUS: 1973-74					
	Total	White	Non-white	Non-white	
				Black	Native-American
					Asian-American
					Spanish Surname
Number	192	182	10	8	2
Percent	100.0	94.8	5.2	4.2	1.0

RACIAL CENSUS: 1967-68, 1970-71, 1972-73					
Years	Total Enrollment	White		Non-white	
		#	%	#	%
1967-1968	297	290	97.6	7	2.4
1970-1971	267	248	92.9	19	7.1
1972-1973	209	195	93.3	14	6.7

RACIAL CENSUS: ENROLLMENT CHANGE 1967-1972				
	#	%	% Change in Proportional Distribution	
TOTAL	-88	-29.6		
White	-95	-38.8	+4.4	
Non-white	+ 7	+100.0	+179.2	

ELIGIBLE TRANSITIONAL BILINGUAL STUDENTS: 1973-74		
Language	Number of Students	Percent of Bilingual Enrollment
TOTAL	0	
Chinese		
French		
Greek		
Italian		
Portuguese		
Spanish		
Other		

School District #	207
School #	095

1973-74	School District: <u>Newton</u>	
	School Name: <u>Oak Hill</u>	
	No. & Street: <u>130 Wheeler Rd.</u>	
	City, State, Zip: <u>Newton Centre, Mass. 02159</u>	
	Grade Organization: <u>K-6</u>	
	Facilities:	
	Initial Construction Date: <u>1934</u>	
	Dates of Additions or Changes: <u>1946</u>	
	# Rooms, Instructional Use: <u>24</u>	
	# Rooms, Other Uses: <u>20</u>	
	TOTAL <u>44</u>	

1973-74		School District #	207
Federal Programs		School #	095
Title I:			
Type of Program:			
# of Students:		0	
% School Enrollment:			
Lunch Program:			
# Students, Free:		9	
# Students, Reduced Price:		3	
TOTAL		12	
% School Enrollment:		3.9	
Bilingual Program:			
# Eligible Students:		0	
% School Enrollment:			
METCO Interdistrict Program:			
# Students:		21	
% School Enrollment:		6.9	

[illegible]

School District # 207
School # 095

STUDENT ETHNIC CENSUS: 1973-74							
	Total	White	Non-white	Non-white			Spanish Surname
				Black	Native-American	Asian-American	
Number	305	267	38	31	0	6	1
Percent	100.0	87.5	12.5	10.2		2.0	0.3

RACIAL CENSUS: 1967-68, 1970-71, 1972-73					
Years	Total Enrollment	White		Non-white	
		#	%	#	%
1967-1968	385	370	96.1	15	3.9
1970-1971	326	295	90.5	31	9.5
1972-1973	313	261	83.4	52	16.6

RACIAL CENSUS: ENROLLMENT CHANGE 1967-1972			
	#	%	% Change in Portional Distribution
TOTAL	-72	-18.7	
White	-109	-29.5	-13.2
Non-white	+37	+246.7	+325.6

ELIGIBLE TRANSITIONAL BILINGUAL STUDENTS: 1973-74		
Language	Number of Students	Percent of Bilingual Enrollment
TOTAL	0	
Chinese		
French		
Greek		
Italian		
Portuguese		
Spanish		
Other		

School	District #	207
School	#	098

1973-74
School District: Newton
School Name: Peabody
No. & Street: 474 Brookline
City, State, Zip: Newton Centre, Mass 02159
Grade Organization: Ungraded
Facilities:
Initial Construction Date: 1934
Dates of Additions or Changes:
Rooms, Instructional Use: 17
Rooms, Other Uses: 19
TOTAL 36

1973-74	
Federal Programs	
Title I:	
Type of Program:	
# of Students:	0
% School Enrollment:	
Lunch Program:	
# Students, Free:	3
# Students, Reduced Price:	0
TOTAL	3
% School Enrollment:	7.9
Bilingual Program:	
# Eligible Students:	0
% School Enrollment:	
METCO Interdistrict Program:	
# Students:	0
% School Enrollment:	

[illegible]

		STUDENT ETHNIC CENSUS: 1973-74					School District # 207	School # 098
Total		White	Non-white	Black	Native-American	Asian-American	Spanish Surname	
Number	38	38	0	0	0	0	0	
Percent	100.0	100.0						

RACIAL CENSUS: 1967-68, 1970-71, 1972-73					
Years	Total Enrollment	White		Non-white	
		#	%	#	%
1967-1968	47	47	100.0	0	
1970-1971	58	56	96.6	2	3.4
1972-1973	36	34	94.4	2	5.6

RACIAL CENSUS: ENROLLMENT CHANGE 1967-1972			
TOTAL	#	%	% Change in Proportional Distribution
	-11	-23.4	
White	-13	-27.7	-5.6
Non-white	+ 2	Undefined	Undefined

ELIGIBLE TRANSITIONAL BILINGUAL STUDENTS: 1973-74		
Language	Number of Students	Percent of Bilingual Enrollment
TOTAL	0	
Chinese		
French		
Greek		
Italian		
Portuguese		
Spanish		
Other		

METROPOLITAN PLANNING PROJECT/INDIVIDUAL SCHOOL PROFILE

1973-74		School District # 207
School District: <u>Newton</u>		School # 100
Federal Programs		
Title I:		
Type of Program:		0
# of Students:		
% School Enrollment:		
Lunch Program:		
# Students, Free:	6	
# Students, Reduced Price:	0	
TOTAL	6	
% School Enrollment:	1.6	
Bilingual Program:		
# Eligible Students:	0	
% School Enrollment:		
METCO Interdistrict Program:		
# Students:	7	
% School Enrollment:	1.8	

1973-74	
School District: <u>Newton</u>	
School Name: <u>Peirce</u>	
No. & Street: <u>170 Temple</u>	
City, State, Zip: <u>West Newton, Mass. 02165</u>	
Grade Organization: <u>K-6</u>	
Facilities:	
Initial Construction Date: <u>1951</u>	
Dates of Additions or Changes: <u>1957</u>	
# Rooms, Instructional Use: <u>19</u>	
# Rooms, Other Uses: <u>13</u>	
TOTAL	<u>32</u>

STAFF ETHNIC CENSUS: 1973-74										
Professional Staff	Census		Age				Years in Present System			
	#	%	Under 26	26-34	35-55	56 & Over	Under 3	3-9	10 & Over	Position
TOTAL	21	100.0	6	7	6	2	5	8	8	Teachers 18, Adminis- trators 1, Teacher Aides 2, Other Profes- sionals 0
White	20	95.2	5	7	6	2	5	8	7	Teachers 17, Adminis- trators 1, Teacher Aides 2, Other Profes- sionals 0
Black	0		0	0	0	0	0	0	0	Teachers 0, Adminis- trators 0, Teacher Aides 0, Other Profes- sionals 0
Spanish Surname	0		0	0	0	0	0	0	0	Teachers 0, Adminis- trators 0, Teacher Aides 0, Other Profes- sionals 0
Asian-American	0		0	0	0	0	0	0	0	Teachers 0, Adminis- trators 0, Teacher Aides 0, Other Profes- sionals 0
Native-American	0		0	0	0	0	0	0	0	Teachers 0, Adminis- trators 0, Teacher Aides 0, Other Profes- sionals 0
Other	1	4.8	1	0	0	0	1	0	0	Teachers 1, Adminis- trators 0, Teacher Aides 0, Other Profes- sionals 0

		STUDENT ETHNIC CENSUS: 1973-74					School District # 207 School # 100	
		Total	White	Non-white	Non-white			
					Black	Native-American	Asian-American	Spanish Surname
Number		384	347	37	25	0	8	4
Percent		100.0	90.4	9.6	6.5		2.1	1.0

RACIAL CENSUS: 1967-68, 1970-71, 1972-73					
Years	Total Enrollment	White		Non-white	
		#	%	#	%
1967-1968	401	390	97.3	11	2.7
1970-1971	394	379	96.2	15	3.8
1972-1973	357	329	92.2	28	7.8

RACIAL CENSUS: ENROLLMENT CHANGE 1967-1972			
	#	%	% Change in Proportional Distribution
TOTAL	-44	-11.0	
White	-61	-15.6	-5.2
Non-white	+17	+154.5	+188.9

ELIGIBLE TRANSITIONAL BILINGUAL STUDENTS: 1973-74		
Language	Number of Students	Percent of Bilingual Enrollment
TOTAL	0	
Chinese		
French		
Greek		
Italian		
Portuguese		
Spanish		
Other		

METROPOLITAN PLANNING PROJECT/INDIVIDUAL SCHOOL PROFILE

1973-74	
Federal Programs	
Title I:	
Type of Program:	
# of Students:	0
% School Enrollment:	
Lunch Program:	
# Students, Free:	2
# Students, Reduced Price:	0
TOTAL	2
% School Enrollment:	0.7
Bilingual Program:	
# Eligible Students:	1
% School Enrollment:	0.3
METCO Interdistrict Program:	
# Students:	4
% School Enrollment:	1.4

1973-74
School District: Newton
School Name: Spaulding
No. & Street: 250 Brookline
City, State, Zip: Newton, Mass. 02159
Grade Organization: K-6
Facilities:
Initial Construction Date: N.A.
Dates of Additions or Changes: N.A.
Rooms, Instructional Use: 9
Rooms, Other Uses: 9
TOTAL 18

[illegible]

STUDENT ETHNIC CENSUS: 1973-74							School District # 207	School # 105
Total		White	Non-white	Non-white				
				Black	Native-American	Asian-American	Spanish Surname	
Number	288	276	12	6	0	6	0	
Percent	100.0	95.8	4.2	2.1		2.1		

RACIAL CENSUS: 1967-68, 1970-71, 1972-73					
Years	Total Enrollment	White		Non-white	
		#	%	#	%
1967-1968	434	420	96.8	14	3.2
1970-1971	318	311	97.8	7	2.2
1972-1973	315	301	95.6	14	4.4

RACIAL CENSUS: ENROLLMENT CHANGE 1967-1972			
	#	%	% Change in Proportional Distribution
	TOTAL	-119	-27.4
White	-119	-28.3	-1.2
Non-white	0	0.0	+37.5

ELIGIBLE TRANSITIONAL BILINGUAL STUDENTS: 1973-74		
Language	Number of Students	Percent of Bilingual Enrollment
TOTAL	1	100.0
Chinese	0	
French	1	100.0
Greek	0	
Italian	0	
Portuguese	0	
Spanish	0	
Other	0	

METROPOLITAN PLANNING PROJECT/INDIVIDUAL SCHOOL PROFILE

1973-74	
Federal Programs	
Title I:	
Type of Program:	
# of Students:	0
% School Enrollment:	
Lunch Program:	
# Students, Free:	33
# Students, Reduced Price:	0
TOTAL	33
% School Enrollment:	6.1
Bilingual Program:	
# Eligible Students:	7
% School Enrollment:	1.3
METCO Interdistrict Program:	
# Students:	14
% School Enrollment:	2.6

1974-75
School District: Newton
School Name: Underwood
No. & Street: 101 Vernon
City, State, Zip: Newton, Mass. 02156
Grade Organization: K-6
Facilities:
Initial Construction Date: 1924
Dates of Additions or Changes: _____
Rooms, Instructional Use: 33
Rooms, Other Uses: 13
TOTAL 46

[illegible]

School District # 207
School # 115

STUDENT ETHNIC CENSUS: 1973-74					
	Total	White	Non-white	Non-white	
				Native-American	Asian-American
				Black	Spanish Surname
Number	542	508	34	0	4
Percent	100.0	93.7	6.3	4.2	0.7
					1.3

RACIAL CENSUS: 1967-68, 1970-71, 1972-73					
Years	Total Enrollment	White		Non-white	
		#	%	#	%
1967-1968	545	538	98.7	7	1.3
1970-1971	582	563	96.7	19	3.3
1972-1973	533	497	93.2	36	6.8

RACIAL CENSUS: ENROLLMENT CHANGE 1967-1972				
	#	%	% Change in Proportional Distribution	
TOTAL	-12	-2.2		
White	-41	-7.6		-5.6
Non-white	+29	+414.3		+423.1

ELIGIBLE TRANSITIONAL BILINGUAL STUDENTS: 1973-74		
Language	Number of Students	Percent of Bilingual Enrollment
TOTAL	7	100.0
Chinese	2	28.6
French	0	
Greek	1	14.3
Italian	1	14.3
Portuguese	0	
Spanish	0	
Other	3	42.9

METROPOLITAN PLANNING PROJECT/INDIVIDUAL SCHOOL PROFILE

1973-74
School District: Newton
School Name: John Ward
No. & Street: 10 Dolphin Road
City, State, Zip: Newton Centre, Mass. 02159
Grade Organization: K-6
Facilities:
Initial Construction Date: 1928
Dates of Additions or Changes: 1950, 1957
Rooms, Instructional Use: 22
Rooms, Other Uses: 18
TOTAL 40

School District # 207	
School # 120	
1973-74	
Federal Programs	
Title I:	
Type of Program:	
# of Students:	0
% School Enrollment:	
Lunch Program:	
# Students, Free:	8
# Students, Reduced Price:	1
TOTAL	9
% School Enrollment:	1.7
Bilingual Program:	
# Eligible Students:	0
% School Enrollment:	
METCO Interdistrict Program:	
# Students:	8
% School Enrollment:	1.5

[illegible]

STUDENT ETHNIC CENSUS: 1973-74							School District # 207	School # 120
Total		White	Non-white	Black	Non-white			
					Native-American	Asian-American	Spanish Surname	
Number	545	523	22	14	0	8	0	
Percent	100.0	96.0	4.0	2.6		1.5		

RACIAL CENSUS: 1967-68, 1970-71, 1972-73					
Years	Total Enrollment	White		Non-white	
		#	%	#	%
1967-1968	427	424	99.3	3	0.7
1970-1971	481	460	95.6	21	4.4
1972-1973	488	466	95.5	22	4.5

RACIAL CENSUS: ENROLLMENT CHANGE 1967-1972				% Change in Proportional Distribution
		#	%	
TOTAL		+61	+14.3	
White		+42	+9.9	-3.8
Non-white		+19	+633.3	+542.9

ELIGIBLE TRANSITIONAL BILINGUAL STUDENTS: 1973-74		
Language	Number of Students	Percent of Bilingual Enrollment
TOTAL	0	
Chinese		
French		
Greek		
Italian		
Portuguese		
Spanish		
Other		

School District # 207 School # 125

STUDENT ETHNIC CENSUS: 1973-74							
	Total	White	Non-white	Non-white			
				Black	Native-American	Asian-American	Spanish Surname
Number	304	288	16	11	0	3	2
Percent	100.0	94.7	5.3	3.6		1.0	0.7

RACIAL CENSUS: 1967-68, 1970-71, 1972-73					
Years	Total Enrollment	White		Non-white	
		#	%	#	%
1967-1968	358	333	93.0	25	7.0
1970-1971	360	336	93.3	24	6.7
1972-1973	330	320	97.0	10	3.0

RACIAL CENSUS: ENROLLMENT CHANGE 1967-1972			
	#	%	% Change in Port- tional Distribution
TOTAL	-28	-7.8	
White	-13	-3.9	+4.3
Non-white	-15	-60.0	-57.1

ELIGIBLE TRANSITIONAL BILINGUAL STUDENTS: 1973-74		
Language	Number of Students	Percent of Bilingual Enrollment
TOTAL	0	
Chinese		
French		
Greek		
Italian		
Portuguese		
Spanish		
Other		

School	District #	207
School #	405	

1973-74

School District: Newton

School Name: F. A. Day Junior High

No. & Street: 21 Minot Place

City, State, Zip: Newton, Mass. 02160

Grade Organization: 7-9

Facilities:

Initial Construction Date: 1972

Dates of Additions or Changes: _____

# Rooms, Instructional Use:	<u>65</u>
# Rooms, Other Uses:	<u>41</u>
TOTAL	<u>106</u>

1973-74	
Federal Programs	
Title I:	
Type of Program:	
# of Students:	0
% School Enrollment:	
Lunch Program:	
# Students, Free:	16
# Students, Reduced Price:	3
TOTAL	19
% School Enrollment:	2.5
Bilingual Program:	
# Eligible Students:	18
% School Enrollment:	2.4
METCO Interdistrict Program:	
# Students:	0
% School Enrollment:	

[illegible]

STUDENT ETHNIC CENSUS: 1973-74							School District # 207
							School # 405
	Total	White	Non-white	Black	Native-American	Asian-American	Spanish Surname
Number	751	729	22	10	0	10	2
Percent	100.0	97.1	2.9	1.3		1.3	0.3

RACIAL CENSUS: 1967-68, 1970-71, 1972-73					
Years	Total Enrollment	White		Non-white	
		#	%	#	%
1967-1968	733	728	99.3	5	0.7
1970-1971	735	730	99.3	5	0.7
1972-1973	752	736	97.9	16	2.1

RACIAL CENSUS: ENROLLMENT CHANGE 1967-1972				
	#	%	% Change in Proportional Distribution	
TOTAL	+19	+2.6		
White	+8	+1.1	-1.4	
Non-white	+11	+220.0	+200.0	

ELIGIBLE TRANSITIONAL BILINGUAL STUDENTS: 1973-74		
Language	Number of Students	Percent of Bilingual Enrollment
TOTAL	18	100.0
Chinese	2	11.1
French	1	5.5
Greek	10	55.5
Italian	0	
Portuguese	0	
Spanish	3	16.7
Other	2	11.1

School	District #	207
School #	410	

1973-74
School District: Newton
School Name: Bigelow Junior High
No. & Street: 42 Vernon
City, State, Zip: Newton, Mass. 02158
Grade Organization: 7-9
Facilities:
Initial Construction Date: 1967
Dates of Additions or Changes: _____
Rooms, Instructional Use: 46
Rooms, Other Uses: 37
TOTAL 83

1973-74	
Federal Programs	
Title I:	
Type of Program:	
# of Students:	0
% School Enrollment:	
Lunch Program:	
# Students, Free:	17
# Students, Reduced Price:	5
TOTAL	22
% School Enrollment:	3.7
Bilingual Program:	
# Eligible Students:	6
% School Enrollment:	1.0
METCO Interdistrict Program:	
# Students:	1
% School Enrollment:	0.2

[illegible]

School District # 207
School # 410

STUDENT ETHNIC CENSUS: 1973-74

	Total	White	Non-white	Non-white			
				Black	Native-American	Asian-American	Spanish Surname
Number	595	574	21	8	0	9	4
Percent	100.0	96.5	3.5	1.3		1.5	0.7

RACIAL CENSUS: 1967-68, 1970-71, 1972-73

Years	Total Enrollment	White		Non-white	
		#	%	#	%
1967-1968	466	452	97.0	14	3.0
1970-1971	525	512	97.5	13	2.5
1972-1973	557	539	96.8	18	3.2

RACIAL CENSUS: ENROLLMENT CHANGE 1967-1972

	#	%	% Change in Proportional Distribution
TOTAL	+91	+19.5	
White	+87	+19.2	-0.2
Non-white	+4	+28.6	+6.7

ELIGIBLE TRANSITIONAL BILINGUAL STUDENTS: 1973-74

Language	Number of Students	Percent of Bilingual Enrollment
TOTAL	6	100.0
Chinese	2	33.3
French	0	
Greek	0	
Italian	2	33.3
Portuguese	0	
Spanish	1	16.7
Other	1	16.7

School District # 207
School # 415

1973-74
School District: Newton
School Name: Meadowbrook Junior High
No. & Street: 125 Meadowbrook Road
City, State, Zip: Newton Centre, Mass. 02159
Grade Organization: 7-9
Facilities:
Initial Construction Date: 1954
Dates of Additions or Changes: 1961
Rooms, Instructional Use: 62
Rooms, Other Uses: 29
TOTAL 91

1973-74	
Federal Programs	
Title I:	
Type of Program:	
# of Students:	0
% School Enrollment:	
Lunch Program:	
# Students, Free:	10
# Students, Reduced Price:	1
TOTAL	11
% School Enrollment:	1.3
Bilingual Program:	
# Eligible Students:	0
% School Enrollment:	
METCO Interdistrict Program:	
# Students:	8
% School Enrollment:	0.9

[illegible]

School District # 207
School # 415

STUDENT ETHNIC CENSUS: 1973-74							
	Total	White	Non-white	Non-white			
				Black	Native-American	Asian-American	Spanish Surname
Number	877	831	46	31	0	10	5
Percent	100.0	94.8	5.2	3.5		1.1	0.6

RACIAL CENSUS: 1967-68, 1970-71, 1972-73					
Years	Total Enrollment	White		Non-white	
		#	%	#	%
1967-1968	925	913	98.7	12	1.3
1970-1971	869	818	94.1	51	5.9
1972-1973	895	849	94.9	46	5.1

RACIAL CENSUS: ENROLLMENT CHANGE 1967-1972			
	#	%	% Change in Proportional Distribution
TOTAL	-30	-3.2	
White	-64	-7.0	-3.9
Non-white	+34	+283.3	+292.3

ELIGIBLE TRANSITIONAL BILINGUAL STUDENTS: 1973-74		
Language	Number of Students	Percent of Bilingual Enrollment
TOTAL	0	
Chinese		
French		
Greek		
Italian		
Portuguese		
Spanish		
Other		

METROPOLITAN PLANNING PROJECT/INDIVIDUAL SCHOOL PROFILE

School District # 207	
School # 420	
1973-74	
Federal Programs	
Title I:	
Type of Program:	
# of Students:	0
% School Enrollment:	
Lunch Program:	
# Students, Free:	35
# Students, Reduced Price:	4
TOTAL	39
% School Enrollment:	4.1
Bilingual Program:	
# Eligible Students:	3
% School Enrollment:	0.3
MEICO Interdistrict Program:	
# Students:	8
% School Enrollment:	0.8

1973-74

School District:	Newton
School Name:	Warren Junior High
No. & Street:	1600 Washington
City, State, Zip:	West Newton, Mass. 02165
Grade Organization:	7-9
Facilities:	
Initial Construction Date:	1927
Dates of Additions or Changes:	1959
# Rooms, Instructional Use:	65
# Rooms, Other Uses:	50
TOTAL	115

[illegible]

STUDENT ETHNIC CENSUS: 1973-74							School District # 207	School # 420
Total		White	Non-white	Black	Non-white			
					Native-American	Asian-American	Spanish Surname	
Number	947	900	47	25	0	18	4	
Percent	100.0	95.0	5.0	2.6		1.9	0.4	

RACIAL CENSUS: 1967-68, 1970-71, 1972-73					
Years	Total Enrollment	White		Non-white	
		#	%	#	%
1967-1968	1234	1199	97.2	35	2.8
1970-1971	1243	1191	95.8	52	4.2
1972-1973	1045	1001	95.8	44	4.2

RACIAL CENSUS: ENROLLMENT CHANGE 1967-1972			
TOTAL	#	%	% Change in Portional Distribution
	-189	-15.3	
White	-198	-16.5	-1.4
Non-white	+9	+25.8	+50.0

ELIGIBLE TRANSITIONAL BILINGUAL STUDENTS: 1973-74		
Language	Number of Students	Percent of Bilingual Enrollment
TOTAL	3	100.0
Chinese	0	
French	0	
Greek	0	
Italian	0	
Portuguese	0	
Spanish	0	
Other	3	100.0

School District #	207
School #	425

1973-74

School District:	Newton
School Name:	Weeks Junior High
No. & Street:	7 Hereward Road
City, State, Zip:	Newton Centre, Mass. 02159
Grade Organization:	7-9
Facilities:	
Initial Construction Date:	1970
Dates of Additions or Changes:	1971, 1973
# Rooms, Instructional Use:	50
# Rooms, Other Uses:	20
TOTAL	70

1973-74	
Federal Programs	
Title I:	
Type of Program:	
# of Students:	0
% School Enrollment:	
Lunch Program:	
# Students, Free:	30
# Students, Reduced Price:	0
TOTAL	30
% School Enrollment:	3.9
Bilingual Program:	
# Eligible Students:	0
% School Enrollment:	
METCO Interdistrict Program:	
# Students:	9
% School Enrollment:	1.2

STAFF ETHNIC CENSUS: 1973-74

[illegible]

School District # 207
School # 425

STUDENT ETHNIC CENSUS: 1973-74							
	Total	White	Non-white	Non-white			
				Black	Native-American	Asian-American	Spanish Surname
Number	777	729	48	25	3	13	7
Percent	100.0	93.8	6.2	3.2	0.4	1.7	0.9

RACIAL CENSUS: 1967-68, 1970-71, 1972-73					
Years	Total Enrollment	White		Non-white	
		#	%	#	%
1967-1968	973	968	99.5	5	0.5
1970-1971	869	844	97.1	25	2.9
1972-1973	822	800	97.3	22	2.7

RACIAL CENSUS: ENROLLMENT CHANGE 1967-1972			
	#	%	% Change in Proportional Distribution
TOTAL	-151	-15.5	
White	-168	-17.4	-2.2
Non-white	+17	+340.0	+44.0

ELIGIBLE TRANSITIONAL BILINGUAL STUDENTS: 1973-74		
Language	Number of Students	Percent of Bilingual Enrollment
TOTAL	0	
Chinese		
French		
Greek		
Italian		
Portuguese		
Spanish		
Other		

School District #	207
School #	505

1973-74

School District: Newton

School Name: Newton North High

No. & Street: 453 Walnut

City, State, Zip: Newtonville, Mass. 02160

Grade Organization: 10-12

Facilities:

Initial Construction Date: 1970

Dates of Additions or Changes: _____

Rooms, Instructional Use: 164

Rooms, Other Uses: 120

TOTAL 284

1973-74	
Federal Programs	
Title I:	
Type of Program:	
% of Students:	0
% School Enrollment:	
Lunch Program:	
# Students, Free:	14
# Students, Reduced Price:	1
TOTAL	15
% School Enrollment:	0.5
Bilingual Program:	
# Eligible Students:	21
% School Enrollment:	0.7
METCO Interdistrict Program:	
# Students:	29
% School Enrollment:	1.0

[illegible]

STUDENT ETHNIC CENSUS: 1973-74							School District # 207
							School # 505
Total		White	Non-white	Non-white			
				Black	Native-American	Asian-American	Spanish Surname
Number	2,911	2,825	86	48	3	21	14
Percent	100.0	97.0	3.0	1.6	0.1	0.7	0.5

RACIAL CENSUS: 1967-68, 1970-71, 1972-73					
Years	Total Enrollment	White		Non-white	
		#	%	#	%
1967-1968	2,558	2,532	99.0	26	1.0
1970-1971	2,678	2,614	97.6	64	2.4
1972-1973	2,976	2,924	98.6	52	1.7

RACIAL CENSUS: ENROLLMENT CHANGE 1967-1972			
	#	%	% Change in Proportional Distribution
	418	+16.3	
TOTAL			
White	+392	+15.5	-0.7
Non-white	+26	+100.0	+70.0

FOLLOW UP OF HIGH SCHOOL GRADUATES: 1968, 1972					
Post High School Placement	Class of				
	1968		1972		
	#	%	#	%	
4-yr. State College	136	18.1	22	2.8	
4-yr. Other College	286	38.1	393	49.1	
2-yr. State College	80	10.7	27	3.4	
2-yr. Other College	44	5.9	70	8.8	
Nurses Training	1	0.1	4	.5	
Other Post Secondary	49	6.5	20	2.5	
Military	21	2.8	77	9.9	
Work	113	15.0	147	18.4	
Other	21	2.8	110	13.8	
TOTAL	751	100.0	800	100.0	

ELIGIBLE TRANSITIONAL BILINGUAL STUDENTS: 1973-74			
Language	Number of Students	Percent of Bilingual Enrollment	
TOTAL	21	100.0	
Chinese	1	4.8	
French	4	19.0	
Greek	1	4.8	
Italian	7	33.3	
Portuguese	0		
Spanish	4	19.0	
Other	4	19.0	

School District #	207
School #	510

1973-74
School District: Newton
School Name: Newton South High
No. & Street: 140 Brandeis Road
City, State, Zip: Newton Centre, Mass. 02159
Grade Organization: 10-12
Facilities:
Initial Construction Date: 1960
Dates of Additions or Changes: _____
Rooms, Instructional Use: 85
Rooms, Other Uses: 82
TOTAL 167

1973-74	
Federal Programs	
Title I:	
Type of Program:	
# of Students:	0
% School Enrollment:	
Lunch Program:	
# Students, Free:	4
# Students, Reduced Price:	1
TOTAL	5
% School Enrollment:	0.3
Bilingual Program:	
# Eligible Students:	3
% School Enrollment:	0.2
METCO Interdistrict Program:	
# Students:	30
% School Enrollment:	2.0

STAFF ETHNIC CENSUS: 1973-74													
Professional Staff	Census		Age				Years in Present System			Position			
	#	%	Under 26	26-34	35-55	56 & Over	Under 3	3-9	10 & Over	Administrators	Teachers	Teacher Aides	Other Professionals
TOTAL	149	100.0	9	43	67	14	20	61	54	7	106	10	26
White	144	96.6	7	41	65	14	18	61	48	6	103	10	25
Black	1	0.7	1	0	0	0	1	0	0	0	1	0	0
Spanish Surname	0		0	0	0	0	0	0	0	0	0	0	0
Asian-American	0		0	0	0	0	0	0	0	0	0	0	0
Native-American	0		0	0	0	0	0	0	0	0	0	0	0
Other	1	0.7	0	1	0	0	0	0	1	0	0	0	1

STUDENT ETHNIC CENSUS: 1973-74						School District # 207 School # 510	
	Total	Non-white		Non-white			Spanish Surname
		White	Non-white	Black	Native-American	Asian-American	
Number	1,466	1,378	88	62	1	8	17
Percent	100.0	94.0	6.0	4.2	0.1	0.5	1.2

RACIAL CENSUS: 1967-68, 1970-71, 1972-73					
Years	Total Enrollment	White		Non-white	
		#	%	#	%
1967-1968	1,686	1671	99.1	15	0.9
1970-1971	1,552	1525	98.5	27	1.5
1972-1973	1,492	1446	96.9	46	3.1

RACIAL CENSUS: ENROLLMENT CHANGE 1967-1972			
	#	%	% Change in Proportional Distribution
TOTAL	+194	+11.5	
White	225	-13.5	-2.2
Non-white	+31	+206.7	+244.4

FOLLOW UP OF HIGH SCHOOL GRADUATES: 1968, 1972					
Post High School Placement	Class of				
	1968		1972		% %
	#	%	#	%	
4-yr. State College	114	10.7	24	4.7	
4-yr. Other College	592	55.6	344	66.9	
2-yr. State College	3	0.3	7	1.4	
2-yr. Other College	169	15.9	36	7.0	
Nurses Training	2	0.2	3	0.6	
Other Post Secondary	54	5.1	32	6.2	
Military	14	1.3	1	0.2	
Work	66	6.2	52	10.1	
Other	80	7.5	15	2.9	
TOTAL	1064	100.0	514	100.0	

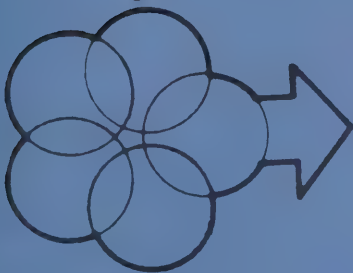
ELIGIBLE TRANSITIONAL BILINGUAL STUDENTS: 1973-74		
Language	Number of Students	Percent of Bilingual Enrollment
TOTAL	3	100.0
Chinese	0	
French	0	
Greek	0	
Italian	0	
Portuguese	0	
Spanish	1	33.3
Other	2	66.7

METRO WAYS TO UNDERSTANDING

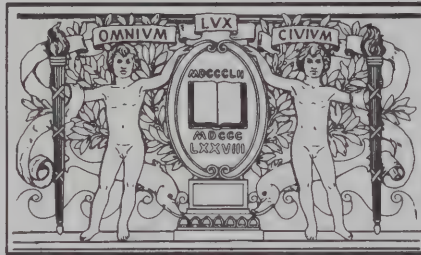
A PLAN FOR THE VOLUNTARY ELIMINATION OF
RACIAL AND ETHNIC ISOLATION IN THE SCHOOLS
OF THE BOSTON METROPOLITAN AREA

VOLUME III COMMUNITY PROFILES

TOWN OF
NORFOLK



THE METROPOLITAN PLANNING PROJECT



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METRO WAYS TO UNDERSTANDING:
"

A Plan for the Voluntary Elimination of
Racial and Ethnic Isolation in the Schools of
The Boston Metropolitan Area

VOLUME III THE COMMUNITY PROFILES

Community Profile # 208
Town of Norfolk

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1973-74

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ABSTRACT

The Metropolitan Planning Project is a collaborative effort of 17 school districts supported by an additional 39 approving school districts within the Boston Metropolitan Area. Its mandate is to develop a Ten Year Plan for the phased elimination of racial and ethnic isolation in the area's schools through voluntary school district collaboration. The Project is funded by the U.S. Office of Education under the Emergency School Aid Act of 1972.

METROWAYS TO UNDERSTANDING: A Plan for the Voluntary Elimination of Racial and Ethnic Isolation in the Schools of the Boston Metropolitan Area is a phased Ten Year Plan which is a result of the process that the Metropolitan Planning Project has undergone during this year of planning. The Project has worked to achieve effective community participation in an effort to design quality learning environment programs for students. As a result of a city and suburban exchange of ideas, the Metropolitan Planning Project has helped to promote the development of over 78 proposals in 32 cities and towns for the design of new innovative learning environments. With a \$300,000 allocation for pilot programming, 14 pilot projects were funded to test MPP objectives. The projects included students from pre-kindergarten through high school age. The focus ranged from American history, art, ecology, energy, comparative life styles to Afro-American, Hispanic, Native-American, and Chinese-American cultures.

The Project has also compiled extensive data on the educational, demographic, housing, fiscal, socio-economic, land use and ethnic and racial characteristics of the 78 towns and cities in the greater Boston standard metropolitan statistical area (SMSA). This information was developed as a needs analysis and resource inventory and has been utilized in the development of the recommended educational programs. It provides the basis for program implementation. The Ten Year Plan METROWAYS TO UNDERSTANDING is aimed at promoting voluntary collaboration between urban and suburban school districts and includes the involvement of students, parents, teachers, school principals, superintendents, community organizations and others concerned with education.

During the 1974-75 school year, the Metropolitan Planning Project will pilot some of the policy recommendations developed through this participatory planning process. These recommendations include:

METROPATHWAYS - Quality innovative educational programs which will be accessible to secondary school students of different socio-economic, racial, and ethnic background within the metropolitan area by utilizing mass transit routes.

METROPAIRWAYS - Parents and school personnel from pairs or triads of city and suburban districts will meet to formulate educational programs of equal benefit to the students. Learning centers will be developed in two or three schools and each will serve as a supplement to the educational quality of each individual school.

METROETHNIC HERITAGE RESOURCE CENTERS - These will be coordinated within METROCENTER and will promote the study, compilation, production and distribution of materials and information related to minorities and ethnic groups of the SMSA. It will also be an action program for the development of other resource centers in the metropolitan area.

METROCENTER FOR COMMUNICATIONS, COUNSELLING, AND RESOURCE DEVELOPMENT - This center will coordinate the metropolitan educational programs and serve as an information and resource "bank" for students, parents, community groups and educators throughout the metropolitan area who wish to be involved in urban-suburban educational programs and staff development programs aimed at eliminating racial and ethnic isolation of students.

ACKNOWLEDGEMENT

I wish to thank Dr. Forbes Bottomly for his encouragement and support of this research approach; Edward Feinman and Leslie S. May who, together with the Support Research Staff and myself, developed the analyses in Volume II RESOURCES FOR IMPLEMENTATION and Volume III COMMUNITY PROFILES. Our grateful appreciation to Mrs. Helen Taggart who formatted and typed the research materials.

Marcia Marker Feld,
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Dr Forbes Bottomly

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INTRODUCTION TO THE NOTES AND SOURCES FOR THE COMMUNITY PROFILES

The Community Profiles were developed for the 78 municipalities that comprise the study area of the Metropolitan Planning Project (MPP). The study area is defined as the 1963 Boston standard metropolitan statistical area (SMSA) boundaries. The Profiles were prepared to meet the mandate of Objective B of the Support Research component of the MPP proposal. This mandate is:

To develop profiles and analysis of social, ethnic, economic, and educational characteristics of the metropolitan area and of its individual communities.

The purpose of these profiles are to serve as the data base for the Ten Year Plan and to develop information for the implementation of educational programs through the analyses of the interaction between the education system and related urban functional systems.

A Community Profile was developed for each of the following cities and towns:

Arlington	Lexington	Randolph
Ashland	Lincoln	Reading
	Lynn	Revere
Bedford	Lynnfield	Rockland
Belmont		
Beverly	Malden	Salem
Boston	Manchester	Saugus
Braintree	Marblehead	Scituate
Brookline	Marshfield	Sharon
Burlington		Sherborn
	Medfield	Somerville
Cambridge	Medford	Stoneham
Canton	Melrose	Sudbury
Chelsea	Middleton	Swampscott
Cohasset	Millis	
Concord	Milton	Topsfield
Danvers	Nahant	Wakefield
Dedham	Natick	Walpole
Dover	Needham	Waltham
Duxbury	Newton	Watertown
	Norfolk	Wayland
Everett	North Reading	Wellesley
	Norwell	Wenham
Framingham	Norwood	Weston
		Westwood
Hamilton	Peabody	Weymouth
Hanover	Pembroke	Wilmington
Hingham		Winchester
Holbrook	Quincy	Winthrop
Hull		Woburn

There are also Profiles for each of the following regional school districts:

Dover-Sherborn
Experimental School System of the Commonwealth of Massachusetts
Hamilton-Wenham
Lincoln-Sudbury
North Shore Regional Vocational

The information in the Community Profiles assess the needs and resources of each community. It is helpful in planning for the future of each school system as well as in the development of educational curricula and programs. These will utilize school and community based resources for metropolitan educational programs for the elimination of racial and ethnic student isolation in the school districts of the SMSA. More detailed analyses of each of these communities, including a series of tables comparing these school districts and an "Analyses of Grouped Communities", are found in earlier Volumes.

These notes were prepared so that persons interested in obtaining further detailed information or in updating present data can easily do so. The source of the information and where it is located is given for each table. Non-classified government information is available by public law to all persons. This includes individual public school records as well as municipal, county, state, and federal data.

There are two sections of the Community Profiles. The first section, Community Profiles, displays educational and educational-related information about the community. The second section, Individual School Profiles, displays educational information about each individual school in the district. The page number at the beginning of a table corresponds to the page number of the Community Profile. Each Individual School Profile is 2 pages and notes for the tables are consistent with this format.

NOTES AND SOURCES FOR THE COMMUNITY PROFILES

EDUCATIONAL CHARACTERISTICS

PAGE 1 - NUMBER OF SCHOOLS AND ENROLLMENT By Type of School: 1973-74

The information on the total number of schools in a school district, as well as the number of Elementary, Junior High, High Schools, Special and Ungraded, Regional, and Vocational Schools in a district, were obtained from the Massachusetts State Department of Education, Bureau of Educational Information Services, Massachusetts School Directory 1973-74. This publication lists the name, address, and grade organization of each school in the Commonwealth. It notes which schools are Special, Ungraded, Regional, or Vocational. Elementary Schools are those schools composed of one or all the grades K through 5 or grades K through 6. Junior High Schools are those schools composed of one or all the grades 6 through 8; schools with grades 5-6, 5-7, 5-8, and 7-9 are counted as Junior High Schools. High Schools are those schools composed of one or all of the grades 9 through 12.

The "Total", "White", and "Non-white" enrollments for each type of school were obtained from a survey conducted by the Massachusetts State Department of Education, Division of Research, Planning, and Evaluation, Enrollment by Classification, Exhibit II, 1973-74. The enrollments for all Elementary Schools, Junior High Schools, High Schools, Special and Ungraded Schools, Regional Schools, and Vocational Schools in a school district which is recorded in this table were totalled by the Metropolitan Planning Project (MPP) support research staff.

PAGE 1 - SCHOOL ATTENDING CHILDREN IN PUBLIC and Non-public Schools

This information was obtained from the Commonwealth of Massachusetts, Annual Report of the State Department of Education for the Year Ending June 30, 1968; Annual Report ... June 30, 1971; and Annual Report ... June 30, 1973. The percentage of "Public" and "Non-public" school attending children were calculated by the MPP support research staff.

PAGE 1 - EDUCATIONAL COLLABORATIVE PARTICIPATION 1973-74

The educational collaboratives listed in this table were found in the following sources:

The Massachusetts State Department of Education, Bureau of Educational Information Services, Massachusetts School Directory, 1973-74; Institute for Educational Services, Inc., "Survey on Collaboration", 1971; Metropolitan Planning Project Support Research Component Telephone Survey, 1974; Massachusetts State Department of Education, Division of Curriculum and Instruction, Kaleidescope 7, 1973,

Other educational collaboratives in the Boston metropolitan area were not available from these sources.

PAGE 1 - 1970 CENSUS: SCHOOL ENROLLMENT FOR
Level and Type of School by Race
(Population 3 - 34 years)

This information was obtained from the United States Department of Commerce, Bureau of the Census, 1970 Census of Population and Housing. U.S. Census information is available in published monographs, which are available at libraries and governmental agencies, and on computer tapes. The data on computer tape is organized into sequences and each sequence is referred to as a "count". Within each "count", the data is subdivided into tables, and each table has been given a number and title. The information in this table was obtained from the 4th Count Population Summary Tapes for Massachusetts, Table 38, "Population 3 Years Old and Over Enrolled in School by Level and Type of School." This information was based on a 15 percent sample survey. The percentages may not add up to 100 percent because of rounding. An N.A. indicates that this information was not available for the school district. The "Spanish-American" category includes people who are both "White" and "Black" according to the Census definition so that the total of the "White", "Black" and "Spanish-American" columns will never equal the "Total" population column.

PAGE 1 - FEDERALLY-FUNDED PROGRAMS: 1973-74

The information on Title I students in each school district was obtained from the Massachusetts State Department of Education, Division of Curriculum and Instruction, Bureau of Curriculum Services, Title I ESEA, "Unpublished Title I Program Documents, 1973-74". The Title III information was obtained from the Massachusetts State Department of Education, Division of Curriculum and Instruction, Bureau of Curriculum Services, Title III ESEA, Kaleidescope 7, 1973 and the Metropolitan Planning Project support research staff telephone survey of Title III Program Directors, July-August, 1974. The percent total enrollment was calculated by dividing the number of students in Title I and III programs by the total number of students in the district during the 1973-74 school year. The total number of students was obtained from the Massachusetts

State Department of Education, Division of Research, Planning, and Evaluation, Enrollment by Classification, Exhibit II, 1973-74. This is the same total that appears in the "Student Ethnic Census: 1973-74" table on page 2.

The Title I and Title III programs are funded by the U.S. Office of Education and were enacted by the U.S. Congress as part of the 1965 Elementary and Secondary Education Act (ESEA). The Title I program provides assistance for "educationally deprived and neglected and delinquent children." The Title III program "supports proposals to advance creativity in education."

PAGE 2 - RACIAL CENSUS: 1967-68; 1970-71; 1972-73

The information on the "Total", "White", and "Non-white" enrollments for these three school years was obtained from the Massachusetts State Department of Education, Division of Research, Planning, and Evaluation, Racial Census, October, 1967; Racial Census, October, 1970; and Racial Census, October, 1972. The Racial Census does not indicate which students were considered "White" and which were considered "Non-white".

PAGE 2 - RACIAL CENSUS: ENROLLMENT CHANGE 1967-1972

These figures were calculated from the previous table by the MPP support research staff. The figures under the number sign (#) column were calculated by subtracting from the "Total", "White" or "Non-white" enrollment for the 1972-73 school year the "Total", "White" or "Non-white" enrollment for the 1967-68 school year. For example, if the 1972-73 total enrollment was 100 students and the 1967-68 enrollment was 50 students, the enrollment change would be +50(100-50) and this figure would appear in the appropriate box. The figures under the percent (%) column were derived by dividing the difference between the 1972-73 and 1967-68 enrollment by the 1967-68 enrollment. If the difference, for example, between the 1972-73 and 1967-68 enrollments was +50 and the 1967-68 enrollment was 50, the percent change would be +100 (+50/50). The figures under the "% Change in Proportional Distribution" column were calculated as follows:

The "% White" (or "% Non-white") for 1972-73 was subtracted from the "% White" (or "% Non-white") for 1967-68.

This difference was divided by the "% White"(or "% Non-white") for 1967-68 and this is the figure that was recorded. For example, if the "% White" in 1967-68 was 75% and the "% White" in 1972-73 was 50%, the "% Change in Proportional Distribution" would be calculated as follows:
$$(50-75)/75 = (-25)/75 = -0.33.$$

Since the percent "Total Enrollment" is always 100%, no "% Change in Proportional Distribution" was calculated or recorded for "Total Enrollment". If there is a percent change from 0 to any number the "% Change in Proportional Distribution" is mathematically undefined. This is noted by the word "Undefined".

PAGE 2 - STUDENT ETHNIC CENSUS: 1973-74

This information was obtained from the Massachusetts State Department of Education, Division of Research, Planning, and Evaluation, Enrollment by Classification, Exhibit II, 1973-74. The figures in the "White" column include white students and students of racial backgrounds other than "Black", "Native-American", "Asian-American", and "Spanish Surname". "Spanish Surname" students were placed in the "Non-white" category.

PAGE 2 - FOLLOW-UP OF HIGH SCHOOL GRADUATES: 1968; 1972

The information on the post high school placement of 1968 graduates was obtained from the Massachusetts State Department of Education, Division of Research, Planning, and Evaluation, Distribution of Graduating Class, 1969. The number of students in each of the various placement categories may not equal the total number of high school graduates because information on all placements was not available. Some of the school districts are members of regional high schools so that information on their high school students would be included in the regional high school data. There is, therefore, no information recorded for the following school districts (the name of the regional high school their students attend is in parentheses):

Concord (Concord-Carlisle Regional High School)
Dover (Dover-Sherborn Regional High School)
Hamilton (Hamilton-Wenham Regional High School)
Lincoln (Lincoln-Sudbury Regional High School)
Middleton (Masconomet Regional High School)
Nahant (all Nahant high school students attend high schools in Lynn)
Norfolk (King Philip Regional High School)
Sherborn (Dover-Sherborn Regional High School)
Sudbury (Lincoln-Sudbury Regional High School)
Topsfield (Masconomet Regional High School)
Wenham (Hamilton-Wenham Regional High School)

If there was no information available on high school graduates in a particular district, this is noted by an N.A. in the first column (under the # sign). The information on the 1972 graduates was obtained from the Massachusetts State Department of Education, Division of Research, Planning, and Evaluation, Distribution of High School Graduates, Class of 1972, Fall 1973. The districts which sent their high school students to regional schools in 1968 remained the same and, therefore, no information on 1972 high school graduates for these districts is recorded. In addition to these districts, there will be no information for Pembroke since their high school students now attend Silver Lake Regional High School. The percentages in the 1972 column may not add up to 100% because of rounding.

PAGE 2 - ELIGIBLE TRANSITIONAL BILINGUAL STUDENTS: 1973-74

The number of students eligible for a transitional bilingual program was obtained from the Massachusetts State Department of Education, Bureau of Transitional Bilingual Education, Census of Children of Limited English Speaking Ability on October 1, 1973, under Chapter 71A, Act of 1971. This Census of all public school students is conducted each year in order to determine how many students are of limited English speaking ability as defined in Chapter 71A and, thus, eligible for transitional bilingual classes. The "Percent of Bilingual Enrollment" was calculated by the MPP support research staff by dividing the number of students in each language category, such as "Chinese" or "French" by the "Total" number of eligible bilingual students.

PAGE 3 - PUBLIC SCHOOL STUDENT ENROLLMENTS: 1964 - 1982

Past Enrollments: 1964 - 1972

Projected Enrollments: 1973 - 1982

This information was prepared for the Metropolitan Planning Project by the Organization for Social and Technical Innovation, Inc. (OSTI).

These enrollment projections are based on time-series enrollment data from 1964 through 1972, obtained from the Massachusetts State Department of Education, Division of Research, Planning and Evaluation. The source of the historical enrollment data for the forecast categories "Total K-12", "Total K-6", "Total 7-12", "White K-12" and "Non-white K-12" was the superintendent's report entitled Census Report.

The numbers in parentheses under each forecast category represents the R^2 (coefficient of determination) for that particular projected enrollment series. It is presented to indicate a rough sense of the reliability of each forecast -- R^2 's of .8 or .9 are very reliable, R^2 's of .5, .6, or .7 are good, and R^2 's of .4 or less are unreliable. When the projections for subcategories (for example, "White K-12" and "Non-white K-12" are subcategories of "Total K-12") are totaled, they do not necessarily equal the projected enrollment figures for the total category. This is because each forecast category was projected independently from the others and the projections selected are not necessarily each derived from the same mathematical equation, since the best projection was selected for each forecast category largely independent of the projections selected for other forecast categories.

School districts with no projections presented or particular forecast categories left blank means the projection here was entirely unsuccessful, sometimes for mathematical reasons, sometimes because of missing years of historical data, and sometimes because of almost certain incorrect historical enrollment data.

PAGE 4 - NUMBER OF TEACHERS BY RACE: 1972-73

This information was obtained from the U.S. Department of Health, Education, and Welfare, Office for Civil Rights, Directory of Public Elementary and Secondary

Schools in Selected Districts, Enrollment and Staff by Racial/Ethnic Group, Fall, 1974. Since this information was collected from selected school districts, data was only available for 68 of the 83 Boston metropolitan area districts. MPP support research staff contacted the remaining districts to complete the survey. The following school districts provided this information:

Cohasset
Dover
Dover-Sherborn Regional High School
Experimental School System of the Commonwealth of Massachusetts
Hamilton-Wenham Regional High School
Holbrook
Manchester
Nahant
Topsfield
Wenham

An N.A. indicates that this information was not available for the school district. Spanish Surname teachers were placed in the "Non-white" category.

PAGE 4 - NUMBER OF TEACHERS, TEACHER-AIDES, AND OTHER PROFESSIONAL STAFF: 1973-74

This information was obtained from the U.S. Equal Employment Opportunity Commission, Elementary-Secondary Staff Information (EEO-5), October 1, 1973. Since this information was collected on a selected school district basis, the MPP support research staff surveyed the remaining districts to obtain this information. The following school districts provided this information:

Ashland
Beverly
Braintree
Cohasset
Experimental School System of the Commonwealth of Massachusetts
Framingham
Hamilton-Wenham Regional High School
Manchester
Medfield
Medford
Middleton
Millis
Nahant
Norfolk
Pembroke
Saugus
Sherborn
Sudbury
Topsfield
Walpole

The "Other Professional Staff" category include the following staff positions: Officials, Administrators, Managers, Principals, Assistant Principals, Guidance Personnel, Psychologists, Librarians, Supervisors of Instruction, and all other professional staff. An N.A. indicates that this information was not available for the school district.

PAGE 5 - SELECTED FINANCIAL CHARACTERISTICS

The information on "% Municipal Tax Dollar Spent on Education" was obtained from the Commonwealth of Massachusetts, Annual Report of the Department of Education for the Year Ending June 30, 1968; Annual Report ... June 30, 1971; Annual Report ... June 30, 1973.

The "% Municipal Tax Dollar Spent on Education" was calculated by the MPP support research staff by dividing the school tax rate by the general tax rate. For example, if the school tax rate in a town was \$24 and the total tax rate was \$48, the "% Municipal Tax Dollar Spent on Education" would be 50% (24/48).

The information on "Comprehensive Per Pupil Expenditure" was obtained from the Massachusetts State Department of Education, Division of Research, Planning, and Evaluation, Per Pupil Expenditures 1967-68; Per Pupil ... 1970-71; Per Pupil ... 1972-73. This per pupil expenditure is the integrated per pupil cost for the Regular Day, Vocational Day, and Special Education Programs and pro-rated Regional School Expenditures divided by the average membership of students in those programs.

The information on "Public School Attending Children Transported at Public Expense" was obtained from the Commonwealth of Massachusetts, Annual Report of the Department of Education for the Year Ending June 30, 1968; Annual Report ... June 30, 1971; Annual Report ... June 30, 1973. Discrepancies may appear in this table because the data received was unaudited.

The information on "Computative Equalized Property Valuation per School Attending Child" was obtained from the Massachusetts State Department of Education, Division of Research, Planning, and Evaluation, School Aid to Massachusetts Cities and Towns, (Chapter 70 Amended), 1967-68; School Aid ... 1970-71; School Aid ... 1972-73. Computative equalized property valuation for any one year is equal to the equalized property valuation the previous calendar year divided by the number of school attending children for that school year. For example, the computative equalized valuation for 1967-68 is derived by dividing the equalized property valuation for 1966 by the number of school attending children for 1967-68.

PAGE 5 - TAX RATE

This information was obtained from the Massachusetts Teachers Association, Background Data for Massachusetts School Districts 1973, Research Bulletin 734-9, 1973. The official tax rate is equal to a city or town's budget needs divided by the assessed value (tax rate=budget needs/assessed value). The equalized

tax rate is equal to the town's budget needs divided by the true market value of property in a city or town, as determined by the Massachusetts Department of Corporations and Taxation (equalized tax rate=budget needs/full market value). The tax rate indicates the number of dollars per \$1,000 of assessed valuation a person or corporation would be taxed on property owned.

PAGE 5 - SCHOOL TAX RATE

This information was obtained from the Massachusetts Teachers Association, Background Data for Massachusetts School Districts 1973, Research Bulletin 734-9, 1973. The official school tax rate is equal to a city or town's school budget needs divided by the assessed value (school tax rate=school budget needs/assessed value). The equalized school tax rate is equal to the town's school budget needs divided by the true market value of property in a city or town, as determined by the Massachusetts Department of Corporations and Taxation (equalized school tax rate=school budget needs/full market value). The school tax rate indicates the number of dollars per \$1,000 of assessed valuation a person or corporation would be taxed on property owned.

PAGE 5 - 1973 MOODY'S BOND RATING

This information was obtained from Moody's Investor Service, Moody's Bond Record, December 1973. The bonds were rated by Moody's Investor Service in the following order, with the first rating assigned to the bonds judged to be of highest quality and the last rating assigned to bonds judged to be of lowest quality:

Aaa	Baa	Caa
Aa	Ba	Ca
A	B	C

The bonds in the A and Baa groups which Moody's determined had the strongest investment attributes were designated by the symbols A-1 and Baa-1.

PAGE 5 - PUBLIC SCHOOL STUDENTS Receiving Subsidized Lunches: 1973-74

This information was obtained from the Massachusetts State Department of Education, Bureau of Nutrition Education and School Food Services Education, "Average Number of Lunches Served to Needy". The figures in this table was calculated by taking the number of needy students served lunches in a school during the month of January, 1974 and dividing this number of the number of days schools were opened that month. The average number of lunches served per day in each school were totalled by the MPP support research staff to develop the school district totals.

The "% of Total Enrollment" was calculated by dividing the number of lunch program students by the 1973-74 total school district enrollments obtained from the Massachusetts State Department of Education, Division of Research, Planning and Evaluation, Enrollment by Classification, Exhibit II, 1973-74.

PAGE 5 - STUDENTS ENROLLED IN METCO

The information on the number of METCO (Metropolitan Council for Educational Opportunities, Inc.) students during the 1967-68 school year was obtained from the Massachusetts State Department of Education, Bureau of Equal Education Opportunity, "Recommendations for Funding of Plans Submitted Under Chapter 506 of the Acts of 1966," 1968. The 1970-71 information was obtained from the Massachusetts State Department of Education, Bureau of Equal Educational Opportunity, "Fiscal Report, METCO 1970-71 Program". The 1972-73 information was obtained from the Massachusetts State Department of Education, Bureau of Equal Educational Opportunity, "Memorandum to Rae Cecilia Kipp [Chairman, State Board of Education] from Charles L. Glenn and Cecilia M. DiBella, August 22, 1972. Subject: METCO Program for 1972-73." The information for the 1973-74 school year was obtained from the METCO files "Unpublished Student Enrollment Records", August, 1974. This information was obtained on a school by school basis; the schools figures were totalled by the MPP support research staff to develop the school district totals.

The "% of Total Enrollment" for the 1967-68; 1970-71; and 1972-73 school years were calculated by dividing the number of METCO students by the total number of students for that particular year. The total number of students for those school years were obtained from the Massachusetts State Department of Education, Division of Research, Planning, and Evaluation, Racial Census, October, 1967; Racial ... 1970; Racial ... 1973. The "% of Total Enrollment" for the 1973-74 school year was calculated by dividing the "# METCO Students" by the 1973-74 district enrollments obtained from the Massachusetts Department of Education, Division of Research, Planning and Evaluation, Enrollment by Classification, Exhibit II, 1973-74. METCO is a state funded interdistrict transfer program which transports children from Boston to suburban school districts.

PAGE 6 - PERCENT DISTRIBUTION OF SCHOOL REVENUES: 1967-68; 1970-71; 1972-73

This information was obtained from the Commonwealth of Massachusetts, Annual Report of the Department of Education for the Year Ending June 30, 1968; Annual Report ... June 30, 1971; Annual Report ... June 30, 1973. The percentages were calculated by the MPP support research staff. The percentages may not add up to 100 percent because of rounding.

PAGE 6 - ABSOLUTE DOLLAR AND PERCENT CHANGES IN REVENUES: 1967-72

These figures were calculated from the previous table. The dollar (\$) "Changes in Public School Funds Provided 1967-72" were calculated by subtracting the 1972-73 dollar amounts for "Total Funds Provided", "Local Sources", and remaining categories from the 1967-68 dollar amounts. For example, if the total public school funds provided in 1972-73 were \$100,000 and the funds provided in 1967-68 were \$50,000, the absolute dollar change in revenues would be \$50,000 (\$100,000-\$50,000). The percent changes in revenues was calculated by dividing the difference

between the 1972-73 and 1967-68 funds provided by the 1967-68 amount. For example, if the 1972-73 total funds provided were \$100,000 and the 1967-68 funds provided were \$50,000, the percent "Change in Funds Provided" would be equal to $(\$100,000 - \$50,000) / \$50,000 = \$50,000 / \$50,000 = +100\%$. If there were no funds provided during 1967-68 for any of the categories, the percent change in revenues is mathematically undefined. This is noted by the word Undefined.

PAGE 6 - PERCENT CHANGE IN PROPORTIONAL DISTRIBUTION OF REVENUES: 1967-72

These figures were calculated from the first table on page 6. The "Percent Change in Proportional Distribution of Revenues" was derived as follows:

The percent of revenues from "Local Sources", "Commonwealth Sources", and remaining categories for the 1967-68 school year was subtracted from the 1972-73 school year figures then this difference was divided by the percent "Local Sources", "Commonwealth Sources", and remaining categories for the 1967-68 school year.

For example, if the percent of revenues from local sources in 1967-68 were 50% and the percent of revenues from local sources in 1972-73 were 75%, the "Percent Change in Proportional Distribution of Revenues: 1967-72" would equal $(75-50)/50 = 25/50 = +50\%$. If there is a percent change from 0 to any number, the "Percent Change in Proportional Distribution" is mathematically undefined. This is noted by the word Undefined.

PAGE 7 - PERCENT DISTRIBUTION OF SCHOOL EXPENDITURES: 1967-68; 1970-71; 1972-73

This information was obtained from the Commonwealth of Massachusetts, Annual Report of the Department of Education for the Year Ending June 30, 1968; Annual Report ... June 30, 1971; Annual Report ... June 30, 1973. The percentages were calculated by the MPP support research staff. The percentages may not add up to 100 percent because of rounding.

PAGE 7 - ABSOLUTE DOLLAR AND PERCENT CHANGES IN EXPENDITURES: 1967-72

These figures were calculated from the previous table. The dollar (\$) "Changes in Public School Funds Expended 1967-72" were calculated by subtracting the 1972-73 dollar amounts for "Total Public School Funds Applied", "Administration", and remaining categories from the 1967-68 dollar amounts. For example, if the "Total Public School Funds Applied" in 1972-73 were \$100,000 and the funds applied in 1967-68 were \$50,000, the absolute dollar change in expenditures would be \$50,000 $(\$100,000 - \$50,000)$. The percent changes in expenditures was calculated by dividing the difference between the 1972-73 and 1967-68 funds expended by the 1967-68 amount. For example, if the 1972-73 total funds expended were \$100,000 and the 1967-68 funds expended were \$50,000, the percent "Changes in Public School Funds Expended" would be equal to $(\$100,000 - \$50,000) / \$50,000 = \$50,000 / \$50,000 = +100\%$. If there were no funds provided during 1967-68 for any of the categories, the percent change in expenditures is mathematically undefined. This is noted by the word Undefined.

PAGE 7 - PERCENT CHANGE IN PROPORTIONAL DISTRIBUTION OF EXPENDITURES: 1967-72

These figures were calculated from the first table on page 7. The "Percent Change in Proportional Distribution of Expenditures" was derived as follows:

The percent of expenditures from "Administration", "Instruction", and remaining categories for the 1967-68 school year was subtracted from the 1972-73 school year figures. Then this difference was divided by the percent "Administration", "Instruction", and remaining categories for the 1967-68 school year.

For example, if the percent of expenditures for "Administration" in 1967-68 were 50% and the percent of expenditures for "Administration" in 1972-73 were 75%, the "Percent Change in Proportional Distribution of Expenditures: 1967-72" would equal $(75-50)/50 = 25/50 = +50\%$. If there is a percent change from 0 to any number, the "Percent Change in Proportional Distribution of Expenditures" is mathematically undefined. This is noted by the word Undefined.

PAGE 8 - 1970 CENSUS: COUNT OF PERSONS 25 YEARS OF AGE AND OVER BY RACE AND YEARS OF SCHOOL COMPLETED.

This information was obtained from the U.S. Department of Commerce, Bureau of the Census, 1970 Census of Population and Housing, Fourth Count Population Summary Tapes for Massachusetts, Table 42, "Population 25 Years Old and Over by Years of School Completed and Sex". This information was based on a 20% sample survey. The "Spanish-American" category includes people who are both "White" and "Black" according to the Census definition so that the total of the "White", "Black" and "Spanish-American" columns will never equal the "Total Population" column. The "White" and "Black" figures may not equal the "Total Population" column because they do not include people of other racial backgrounds such as Asian-American and Native-American.

PAGE 8 - MEDIAN SCHOOL YEARS COMPLETED

This information was calculated from the previous table, "1970 Census: Count of Persons 25 Years of Age and Over by Years of School Completed". This calculation was performed by the Massachusetts Institute of Technology (M.I.T.) Information Processing Center.

DEMOGRAPHIC CHARACTERISTICS

PAGE 9 - CENSUS POPULATION BY RACE AND SPANISH LANGUAGE: 1960; 1970

The information on the 1960 population was obtained from the U.S. Department of Commerce, Bureau of the Census, 1960 Census of Population, Volume I, Characteristics of the Population, Part 23, Massachusetts, Tables 21, 25. This monograph

is available at libraries and governmental agencies. The "Asian-American" category includes only Chinese, Japanese, and Filipino. The percentages may not add up to 100 percent because of rounding.

The 1970 population figures were obtained from the U.S. Department of Commerce, Bureau of the Census, 1970 Census of Population, General Social and Economic Characteristics, Massachusetts, PC (1) - C23, Tables 81, 102 and 1970 Census of Population, General Population Characteristics, Massachusetts, PC (1) - B23, Tables 23, 27, 31. The "Asian-American" category includes only Chinese, Japanese and Filipino. The "Other" category includes Hawaiians, Koreans, Aleuts, Eskimos, Malaysians, and Polynesians. The "Spanish Language" data was obtained from the 1970 U.S. Census "Persons of Spanish Language" category. Persons of "Spanish Language" were not considered a distinct racial group by the U.S. Bureau of the Census and were, therefore, not distributed in the "White" or "Non-white" categories. An N.A. indicates that this information was not available for the school district. The percentages may not add up to 100 percent because of rounding.

The "1960-1970 Increase (+) Decrease (-)" figures were calculated by the MPP support research staff from the data in the first two rows of this table. The increase or decrease in the number (#) columns were derived by subtracting the 1970 population figures from the 1960 figures.

The increase or decrease in the percent (%) column were calculated by dividing the difference between the 1970 and 1960 population figures by the 1960 figures.

The "% Change in Proportional Distribution" was calculated as follows:
The "% White", "% Non-white" and percentages for the other columns for 1970 were subtracted from the 1960 percentages. This difference was divided by the 1960 percentages and this is the figure that was recorded.

PAGE 9 - CENSUS POPULATION INCREASE OR DECREASE: 1960-1970

This information was obtained from the Massachusetts Department of Commerce and Development, Massachusetts Population 1970-1965-1960 and Population Movements in Massachusetts 1960-1970.

PAGE 9 - CENSUS: FERTILITY RATIO BY RACE

This information was obtained from the U.S. Department of Commerce, Bureau of the Census, 1970 Census of Population and Housing, Fourth Count Population Summary Tapes for Massachusetts, Table 44, "Females 15-44 Years Old by Marital Status, Number of Children and Age". This ratio tells how many children, on the average, a woman between the ages of 15 and 44 had in 1970. For example, a fertility ratio of 1.35:1 indicates that for that city or town (and for that racial grouping) the average number of children a woman between 15 and 44 would have would be 1.35. An N.A. indicates that this information was not available for the school district.

PAGE 10 - 1970 CENSUS:
Household Population by Race

The information on "Total Population" was obtained from the U.S. Department of Commerce, Bureau of the Census, 1970 Census of Population and Housing, Second Count Summary Tapes for Massachusetts, Table 1, "Race and Sex". The information on "Population in Households" was obtained from the U.S. Department of Commerce, Bureau of the Census, 1970 Census of Population and Housing, Second Count Summary Tapes for Massachusetts, Table 3, "Household Population by Age, Race and Sex". An N.A. indicates that this information was not available for the school district. The U.S. Bureau of the Census defines people who live in households as those people who occupy a group of rooms or a single room which constitutes a housing unit. All living arrangements other than households are classified as group quarters. Persons living in group quarters include, for example, those who are inmates of institutions and those living in rooming and boarding houses, communes or military barracks.

PAGE 10 - 1970 CENSUS:
Number of Families by Sex of Family Head

The information on the number of families headed by females was obtained from the U.S. Department of Commerce, Bureau of the Census, 1970 Census of Population and Housing, Fourth Count Population Summary Tapes for Massachusetts, Table 75 "Family Income". The number of families headed by males was calculated by the MPP support research staff by subtracting the number of female headed families from the total number of families. This information was based on a 20 percent sample survey. The U.S. Bureau of the Census defines a family as a household head and one or more other persons living in the same household who are related to the head by blood, marriage, or adoption. The "White" and "Black" figures may not equal the "Total Population" because they do not include people of other racial backgrounds such as Asian-American and Native-American.

PAGE 10 - 1970 CENSUS: AGE DISTRIBUTION BY RACE

This information was obtained from the U.S. Department of Commerce, Bureau of the Census, 1970 Census of Population and Housing, Second Count Summary Tapes for Massachusetts, Table 2, "Single Years of Age, Race, and Sex". The percentages were calculated by the MPP support research staff. The percentages may not add up to 100 percent because of rounding. An N.A. indicates that this information was not available for the school district.

PAGE 11 - 1970 CENSUS: NATIVITY AND PARENTAGE

This information was obtained from the U.S. Department of Commerce, Bureau of the Census, 1970 Census of Population and Housing, Fourth Count Population Summary Tapes for Massachusetts, Table 21, "Nativity and Parentage". This information was based on a 15 percent sample survey. A "Native of Native Parent"

is a person born in the United States, the Commonwealth of Puerto Rico or an outlying area of the United States whose parents were also born in the United States. "Foreign Stock" includes U.S. citizens who were foreign born as well as those people who were born in the U.S. but had one or more foreign born parents ("Foreign or Mixed Parentage"). The "Spanish-American" category includes people who are both "White" and "Black" according to the Census definition so that the total of the "White", "Black" and "Spanish-American" columns will never equal the "Total Population" column.

PAGE 11 - 1970 CENSUS: MOST FREQUENT COUNTRY
of Origin of Foreign Stock

This information was obtained from the U.S. Department of Commerce, Bureau of the Census, 1970 Census of Population and Housing, Fourth Count Population Summary Tapes for Massachusetts, Table 22, "Country of Origin and Nativity". This information was based on a 15 percent sample survey. This table indicates the country of origin of the foreign stock population (foreign born and native of foreign or mixed parentage) in a city or town, with the information presented separately for foreign born and native of mixed parentage. These figures were totalled by the MPP support research staff to arrive at the number of persons recorded for each of the countries listed in this table. The countries listed are those which have the largest number of former citizens presently U.S. citizens residing in this community. The percent foreign stock population was calculated by dividing the number of foreign stock citizens from a particular country by the total number of foreign stock residents in that city or town. The total number of foreign stock residents was obtained from the previous table, "1970 Census: Nativity and Parentage".

PAGE 11 - 1970 CENSUS: SPANISH POPULATION INDICATORS

This information was obtained from the U.S. Department of Commerce, Bureau of the Census, 1970 Census of Population and Housing, Fourth Count Population Summary Tapes for Massachusetts, Table 24, "Spanish Indicators". The information on persons of "Spanish Origin or Descent" was derived from the question of whether a person's origin or descent was Mexican, Puerto Rican, Cuban, Central or South American, or other Spanish. The information on persons of "Puerto Rican Birth or Parentage" includes persons born in Puerto Rico and persons born in the United States or an outlying area with one or more parents born in Puerto Rico. Persons of "Spanish Language" comprise persons of Spanish mother tongue and all other persons in families in which the head or wife reported Spanish as his or her mother tongue. Since a person of "Spanish Origin or Descent" may appear in two or more of these Spanish population indicators, these figures were not totalled to arrive at a total number of Spanish population residents in a city or town.

PAGE 11 - 1970 CENSUS: MOST FREQUENT MOTHER TONGUES
Other Than English

This information was obtained from the U.S. Department of Commerce, Bureau of the Census, 1970 Census of Population and Housing, Fourth Count Population Summary Tapes for Massachusetts, Table 23, "Mother Tongue and Nativity". This information was based on a 15 percent sample survey of which language was spoken in a person's home when he or she was a child. Since English is the most frequent mother tongue, information is only displayed for mother tongues other than English. This information is presented separately for foreign born and natives and these figures were totalled by the MPP support research staff to arrive at the figures presented in this table.

ECONOMIC CHARACTERISTICS

PAGE 12 - 1970 CENSUS: NUMBER OF EMPLOYED PERSONS 16 YEARS OLD AND OVER
BY OCCUPATION

This information was obtained from the U.S. Department of Commerce, Bureau of the Census, 1970 Census of Population and Housing, Fourth Count Population Summary Tapes for Massachusetts, Table 58, "Employed Population 16 Years Old and Over by Occupation". This information was based on a 20 percent sample survey. Each of the occupation categories shown on this table such as "Professional, Technical, and Kindred Workers" have been broken down into subcategories and the same information in this table is available for each of these subcategories. An N.A. indicates that this information was not available for the school district. The percentages may not add up to 100 percent because of rounding. The "White" and "Black" figures may not equal the "Total Persons Employed" because they do not include people of other racial backgrounds such as Asian-American and Native-American. The "Spanish-American" category includes people who are both "White" and "Black" according to the Census definition so that the total of the "White", "Black" and "Spanish-American" columns will never equal the "Total Persons Employed" column.

PAGE 13 - MEDIAN INCOME: 1960 CENSUS; 1970 CENSUS

The information on 1960 Median Income was obtained from the U.S. Department of Commerce, Bureau of the Census, 1960 Census of Population, Volume I, Characteristics of the Population, Part 23 Massachusetts, Tables 33, 34, 76.

The information on the 1970 Median Income was obtained from the U.S. Department of Commerce, Bureau of the Census, 1970 Census of Population and Housing, Fourth Count Population Summary Tapes for Massachusetts, Table 75, "Family Income", and Table 76, "Income of Unrelated Individuals". This information was based on a 20 percent sample survey.

Information on families includes all those people living in the same household who are related to the head by blood, marriage, or adoption. Information on unrelated individuals includes all members of a household who are not related to anyone else in the household or a person living in group quarters who is not an inmate of an institution. An N.A. indicates that this information was not available for the school district.

PAGE 13 - 1970 CENSUS: EMPLOYMENT STATUS BY RACE
 of Persons 16 Years of Age and Over in Labor Force

This information was obtained from the U.S. Department of Commerce, Bureau of the Census, 1970 Census of Population and Housing, Fourth Count Population Summary Tapes for Massachusetts, Table 54, "Population 16 Years Old and Over by Labor Force Status, Selected Characteristics, and Sex". This information was based on a 20 percent sample survey. The employment or labor force status of persons over 16 is recorded by the U.S. Bureau of the Census in three categories: "In Labor Force", "In Armed Forces", and "Not in Labor Force". The information in this table covers only those people in the labor force, and this category is broken down into those who are "Employed" and those who are "Unemployed". Since the number and percent "Unemployed" is only based on those people in the labor force, it is an undercount of actual unemployment in a community. The "Total" is of those people 16 years and over in the labor force. An N.A. indicates that this information was not available for the school district. The "Spanish-American" category includes people who are both "White" and "Black" according to the Census definition so that the total of the "White", "Black", and "Spanish-American" columns will never equal the "Total" column. The percentages may not add up to 100 percent because of rounding. The "White" and "Black" figures may not equal the "Total" column because they do not include people of other racial backgrounds such as Asian-American and Native-American.

PAGE 14 - 1970 CENSUS:
 Number of Persons in Families and
 Number of Unrelated Individuals with Income Less Than Poverty Level

The information on the number of "Persons in Families" below poverty level was obtained from the U.S. Department of Commerce, Bureau of the Census, 1970 Census of Population and Housing, Fourth Count Population Summary Tapes for Massachusetts, Table 83, "Aggregate Number of Persons in Families below Poverty Level".

The information on the "Number of Unrelated Individuals with Income Less Than Poverty Level" was obtained from the U.S. Department of Commerce, Bureau of the Census 1970 Census of Population and Housing, Fourth Count Population Summary Tapes for Massachusetts, Table 89, "Unrelated Individuals by Age and Poverty Status". This information was based on a 20 percent sample survey. The number of persons in families and the number of unrelated individuals were totalled by the MPP support research staff to arrive at the total in this table.

The definition of poverty level income originated with the U.S. Social Security Administration in 1964 and was subsequently modified by a Federal Interagency Committee. This index provides a range of poverty income cutoffs adjusted by such factors as family size, family head, number of children under 18 years old, and farm and nonfarm residence, needed in order to maintain a nutritionally adequate food plan designed by the Department of Agriculture. In 1969, the poverty thresholds ranged from \$1,847 for a female unrelated individual 65 years old and over living on a farm to \$6,116 for a nonfarm family with a male head and with seven or more persons. The average poverty threshold for a nonfarm family of four headed by a male was \$3,745. An N.A. indicates that this information was not available for the school district. The percentages may not add up to 100 percent because of rounding. The "White" and "Black" figures may not equal the "Total Population" because they do not include people of other racial backgrounds such as Asian-American and Native-American. The "Spanish-American" category includes people who are both "White" and "Black" according to the Census definition so that the total of the "White", "Black", and "Spanish-American" columns will never equal the "Total Population" column.

PAGE 14 -

1970 CENSUS:

Number of Related Children Under 18 in Families Below Poverty Level by Presence of Parents

This information was obtained from the 1970 U.S. Department of Commerce, Bureau of the Census, 1970 Census of Population and Housing, Fourth Count Population Summary Tapes for Massachusetts, Table 92, "Related Children Under 18 Years Old in Families Below Poverty Level by Presence of Parents". This information was based on a 20 percent sample survey. The percentages were calculated by the MPP support research staff by dividing the number of children under 18 living in families below poverty level by the total number of children under 18 in that city or town. An N.A. indicates that this information was not available for the school district. The "White" and "Black" figures may not equal the "Total Population" because they do not include people of other racial backgrounds such as Asian-American and Native-American. The "Spanish-American" category includes people who are both "White" and "Black" according to the Census definition so that the total of the "White", "Black" and "Spanish-American" columns will never equal the "Total Population" column.

PAGE 15 - CHARACTERISTICS OF INDUSTRIAL FIRMS: 1967

This information was obtained from the Commonwealth of Massachusetts, Division of Employment Security, "Massachusetts Employment and Wages 1967 by Area (City and Town) by Industry, 3 digit," unpublished computer printouts. This information is on industrial establishments subject to the Massachusetts Employment Security Law, Chapter 151A of the General Laws, and generally excludes employment in nonprofit institutions organized for religious, charitable, educational,

or scientific purposes; in domestic service; self employment and unpaid family service; and in governments. A definition of each major industry, such as "Agriculture and Mining", presented in this table, can be found in the following publication: The Commonwealth of Massachusetts, Division of Employment Security, Massachusetts Cities and Towns, Employment and Wages in Establishments Subject to the Massachusetts Employment Security Law by Major Industry Divisions 1967-1971, March, 1973.

PAGE 16 - CHARACTERISTICS OF INDUSTRIAL FIRMS: 1972

This information was obtained from the Commonwealth of Massachusetts, Division of Employment Security, "Massachusetts Employment and Wages 1972 by Area (City and Town) by Industry, 3 digit", unpublished computer printouts. This information is on industrial establishments subject to the Massachusetts Employment Security Law, Chapter 151A of the General Laws, and generally excludes employment in nonprofit institutions organized for religious, charitable, educational, or scientific purposes; in domestic service; self employment and unpaid family service; and in governments. A definition of each major industry, such as "Agriculture and Mining", presented in this table, can be found in the following publication: The Commonwealth of Massachusetts, Division of Employment Security, Massachusetts Cities and Towns, Employment and Wages in Establishments Subject to the Massachusetts Employment Security Law by Major Industry Divisions 1967-1971, March, 1973.

LAND USE CHARACTERISTICS

PAGE 17 - LAND USE PATTERNS IN (CITY OR TOWN NAME)

The percentages measured on this pie chart were calculated from land use pattern information obtained from the Metropolitan Area Planning Council, Preliminary Single Purpose Plan Report, Land Use Numbers, Study Element Number 3.05 of the Southeastern New England Study, October 1973 (compiled for the New England River Basin Study). This report contained information on the number of acres in a city or town utilized for "Residential", "Commercial" and the other remaining categories. The MPP support research staff calculated the percentages that were used to develop the pie chart displayed in this table.

HOUSING CHARACTERISTICS

PAGE 18 - 1970 CENSUS: SELECTED HOUSING CHARACTERISTICS

This information was obtained from the U.S. Department of Commerce, Bureau of the

Census, 1970 Census of Population and Housing, 1970 Census of Housing, General Housing Characteristics, Massachusetts HC (1)-A23, Tables 1, 8, 18, 23, 24.

The median value of owner occupied units does not include those that are in multi-unit structures, trailers, rural units on farms or places of ten or more acres, or on properties any part of which is used as a business.

The U.S. Bureau of the Census defines a housing unit as a house, an apartment, a group of rooms, or a single room occupied or intended for occupancy as separate living quarters. A housing unit was considered vacant if no one was living in it at the time the Census was taken unless its occupants were only temporarily absent. Median value was the owner's estimate of how much the property (house and lot) would sell for, if it were for sale. Median contract rent is the monthly rent agreed to, or contracted for, regardless of any furnishings, utilities, or services that may be included.

PAGE 18 - 1970 CENSUS: NUMBER OF HOUSING UNITS
 by Occupancy Status and Race of Head of Household

This information was obtained from the U.S. Department of Commerce, Bureau of the Census, 1970 Census of Population and Housing, Fourth Count Housing Summary Tapes for Massachusetts, Table 26, "Occupancy/Vacancy Status". The total number of housing units in this table may be slightly lower than the total in the previous table because it does not include vacant migratory and seasonal units. The percentages may not add up to 100 percent because of rounding. An N.A. indicates that this information was not available for the school district. The "White" and "Black" figures may not equal the "Total" column because they do not include people of other racial backgrounds such as Asian-American and Native-American. This information was based on a 20% sample survey.

PAGE 18 - BUILDING PERMITS ISSUED FOR NEW
 Dwelling Units: 1960-71

This information was obtained from the Massachusetts Department of Commerce and Development, City and Town Monograph. This is a separate monograph for each city and town in the Commonwealth of Massachusetts. These monographs, which contain other information on a city or town, are free to the public upon request.

PAGE 19 - NUMBER OF SUBSIDIZED HOUSING UNITS BY TYPE OF CONSTRUCTION
 STATUS: 1973

This information was obtained from the Metropolitan Area Planning Council, (MAPC) Subsidized Housing in the Boston Region as of December 31, 1973, and is available to the public upon request. The MAPC is the regional planning agency for the Boston metropolitan area; it studies the demographic, socio-economic, land use, and housing characteristics of the cities and towns in the Boston metropolitan area. MHFA refers to the Massachusetts Housing Finance Agency.

PAGE 19 - 1970 CENSUS: AGE OF HOUSING UNITS

This information was obtained from the U.S. Department of Commerce, Bureau of the Census, 1970 Census of Population and Housing, Fourth Count Housing Summary Tapes for Massachusetts, Table 8, "Year Structure Built, Tenure, and Race of Head". This information was based on a 20 percent sample survey. Since this information is based on a sample survey, the total number of housing units may not equal the total number of units recorded on other "Housing Characteristic" tables. The number of "Other Occupied Housing Units" was calculated by the MPP support research staff by subtracting the "Black Occupied Housing Units" column from the "Total Housing Units" column. The "Other Occupied Housing Units" are occupied primarily by whites but may also be occupied by Asian-American, Native-American and other racial and ethnic group members. The percentages may not add up to 100 percent because of rounding. An N.A. indicates that this information was not available for the school district. The "Spanish-American" category includes people who are both "White", and "Black" according to the Census definition so that the total of the "White" "Black" and "Spanish-American" columns will never equal the "Total Housing Units" column.

PAGE 20 - 1970 CENSUS: NUMBER OF PERSONS PER ROOM IN OCCUPIED HOUSING UNITS
By Race of Head of Household

This information was obtained from the U.S. Department of Commerce, Bureau of the Census, 1970 Census of Population and Housing, First Count Summary Tapes for Massachusetts, Table 30, "Persons per Room, Tenure and Race of Head". The number of "Other Occupied Housing Units" was calculated by the MPP support research staff by subtracting the "Black Occupied Housing Units" column from the "Total Occupied Units" column. An N.A. indicates that this information was not available for the school district. The percentages may not add up to 100 percent because of rounding.

PAGE 20 - 1970 CENSUS: TYPE OF HOUSING STRUCTURE

This information was obtained from the U.S. Department of Commerce, Bureau of the Census, 1970 Census of Population and Housing, Fourth Count Housing Summary Tapes for Massachusetts, Table 9, "Units in Structure, Tenure, and Race, of Head". This information was based on a 20 percent sample survey. Since this information is based on a sample survey, the total number of housing units may not equal the total number of units recorded on other "Housing Characteristic" tables. This information is also available for Black and Spanish-American occupied units, both owner occupied and renter occupied. An N.A. indicates that this information was not available for the school district. The percentages may not add up to 100 percent because of rounding.

PAGE 20 - 1970 CENSUS:
Average Number of
Persons per Housing Unit

This information was obtained from the U.S. Department of Commerce, Bureau of the Census, 1970 Census of Population and Housing, Fourth Count Housing Summary Tapes for Massachusetts, Table 37, "Number of Persons in Unit, Tenure, and Race of Head". This information was based on a 20 percent sample survey. This information was calculated by the MPP support research staff by dividing the number of persons in housing units by the total number of housing units. The number of "Other Occupied Housing Units" was calculated by the MPP support research staff by subtracting the "Black Occupied Housing Units" column from the "Total Occupied Housing Units" column.

PAGE 21 - 1970 CENSUS: VALUE OF OWNER OCCUPIED HOUSING UNITS BY RACE OF
HEAD OF HOUSEHOLD

This information was obtained from the U.S. Department of Commerce, Bureau of the Census, 1970 Census of Population and Housing, Fourth Count Housing Summary Tapes for Massachusetts, Table 52, "Value, Occupancy Status, and Race of Head". This information was based on a 20 percent sample survey. The value of an owner occupied unit was the owner's estimate of how much the property (house and lot) would sell for, if it were for sale. The number of "Other Owner Occupied Units" was calculated by the MPP support research staff by subtracting the "Black Owner Occupied Units" column from the "Total Owner Occupied Units" column. The percentages may not add up to 100 percent because of rounding. An N.A. indicates that this information was not available for the school district. The "Spanish-American" category includes people who are both "White" and "Black" according to the Census definition so that the total of the "White", "Black" and "Spanish-American" column will never equal the "Total Owner Occupied Units" column.

PAGE 22 - 1970 CENSUS: MONTHLY GROSS RENT BY RACE OF HEAD OF HOUSEHOLD

This information was obtained from the U.S. Department of Commerce, Bureau of the Census, 1970 Census of Population and Housing, Fourth Count Housing Summary Tapes for Massachusetts, Table 19, "Gross Rent and Race of Head". This information was based on a 20 percent sample survey. "Monthly Gross Rent" is the monthly rent agreed to, or contracted for, regardless of any furnishings, utilities, or services that may be included plus the estimated average monthly cost of utilities and fuels, if these items are paid for by the renter in addition to rent. The number of "Other Renter Occupied Units" was calculated by the MPP support research staff by subtracting the "Black Renter Occupied Units" column from the "Total Renter Occupied Units" column. An N.A. indicates that this information was not available for the school district. The percentages may not add up to 100 percent because of rounding. The "Spanish-American" category includes people who are both "White" and "Black" according to the Census definition so that the total of the "White", "Black" and "Spanish-American" columns will never equal the "Total Renter Occupied Units" column.

NOTES AND SOURCES FOR THE INDIVIDUAL SCHOOL PROFILES

PAGE 1 - SCHOOL DISTRICT #, SCHOOL

The school district and school number (#) which appear on the upper right hand box are code numbers which are used by the Massachusetts State Department of Education. These code numbers were obtained from the Massachusetts State Department of Education, Bureau of Educational Information Services, Massachusetts School Directory 1973-74.

PAGE 1 - 1973-74 SCHOOL DISTRICT; SCHOOL NAME; NO. & STREET; City, State, Zip; Grade Organization

This information was obtained from the Massachusetts State Department of Education, Bureau of Educational Information Services, Massachusetts School Directory 1973-74.

PAGE 1 - FACILITIES

The information on a school's date of initial construction, date(s) of additions or changes, number of rooms for instructional use, and total number of rooms were obtained from the Massachusetts State Department of Education, Division of Research, Planning, and Evaluation, School Building Inventory, Fall, 1973. There were fifty-eight types of school rooms listed on this form. Forty-two of these rooms were placed by the MPP support research staff in the "Instructional Use" category. These rooms are:

1. Art (General)
2. Arts and Crafts
3. Auditorium
4. Automotive
5. Bandroom
6. Biology Laboratory
7. Bookkeeping
8. Chemistry Laboratory
9. Child Care Center
10. Chorus Room
11. Classroom Regular, (Regular, Interchangeable)
12. Classroom (Seminar Room)
13. Corrective Room (Athletics)
14. Earth Science Laboratory
15. Field House
16. General Science Laboratory
17. Graphic Arts
18. Gymnasium
19. Home Economics (Food)

20. Home Economics (General)
21. Home Economics (Multi-purpose Living Center)
22. Ice Skating Rink
23. Instructional Media Center
24. Language Arts Laboratory
25. Library
26. Mathematics Laboratory
27. Mechanical Drawing
28. Metal Shop
29. Music Room (General)
30. Office Machines
31. Office Practice
32. Physics Laboratory
33. Power Mechanics Shop
34. Sewing Room
35. Shop (General)
36. Social Studies Laboratory
37. Special Education Remedial Rooms
38. Stenography Room
39. Swimming Pool
40. Television Room
41. Typing Room
42. Wood Shop

The remaining sixteen were placed in the "Other Uses" category.
They are:

1. Administrative Office
2. Audio-Visual Workroom
3. Cafeteria
4. Data Processing
5. Guidance Office
6. Health Suite
7. Kitchen
8. Lavatories (Boys')
9. Lavatories (Girls')
10. Shower and Locker Rooms
11. Storage (Books)
12. Storage (Custodial Supplies)
13. Storage (General Instructional Supplies)
14. Student Activity Room
15. Teachers' Lounge
16. Teachers' Workroom

An N.A. indicates that this information was not available for the school.

The information on "Title I" programs in a school ("Type of Program", "# of Students") was obtained from the Massachusetts State Department of Education, Division of Curriculum and Instruction, Bureau of Curriculum Services, Title I ESEA, "Unpublished Title I Program Documents, 1973-74." The "% School Enrollment" was calculated by the MPP support research staff by dividing the number of students in Title I programs by the total number of students in the school during the 1973-74 school year. The total number of students was obtained from the Massachusetts State Department of Education, Division of Research, Planning, and Evaluation, Enrollment by Classification, Exhibit II, 1973-74. This is the same total that appears in the "Student Ethnic Census: 1973-74" table on page 2. The Title I program is funded by the U.S. Office of Education and was legislated by the U.S. Congress as part of the 1965 Elementary and Secondary Education Act (ESEA). The Title I program provides assistance for "educationally deprived and neglected and delinquent children".

The information on students in the "Lunch Program" ("# Students, Free"; "# Students, Reduced Price") was obtained from the Massachusetts State Department of Education, Bureau of Nutrition Education and School Food Services Education, "Average Number of Lunches Served to Needy". The figures in this table were calculated by taking the number of needy students served lunches in a school during the month of January, 1974 and dividing this number by the number of days schools were opened that month. The "% School Enrollment" was calculated by the MPP support research staff, 1973-74, by dividing the number of "Lunch Program" students by the 1973-74 school enrollment obtained from the Massachusetts State Department of Education, Division of Research, Planning and Evaluation, Enrollment by Classification, Exhibit II, 1973-74.

The information on students eligible for the "Bilingual Program" was obtained from the Massachusetts State Department of Education, Bureau of Transitional Bilingual Education, Census of Children of Limited English Speaking Ability on October 1, 1973, under Chapter 71A, Act of 1971. This Census of all public school students is conducted each year in order to determine how many students are of limited English speaking ability as defined in Chapter 71A and, thus, eligible for transitional bilingual classes. The "% School Enrollment" was calculated by the MPP support research staff by dividing the number of eligible bilingual students by the 1973-74 school enrollment obtained from the Massachusetts State Department of Education, Division of Research, Planning, and Evaluation, Enrollment by Classification, Exhibit II, 1973-74.

The information on the number of METCO (Metropolitan Council for Educational Opportunities, Inc.) students was obtained from the METCO files, "Unpublished Student Enrollment Records", August, 1974. METCO is a state funded interdistrict transfer program which transports children from Boston to suburban school districts. The "% School Enrollment" was calculated by the MPP support research staff by dividing the number of METCO students by the 1973-74 school enrollment obtained from the Massachusetts State Department of Education, Division of Research, Planning, and Evaluation, Enrollment by Classification, Exhibit II, 1973-74.

This information was obtained from the Massachusetts State Department of Education, Division of Research, Planning, and Evaluation, 1973-74 Professional Staff Survey. The figures in this table are not always an accurate total of the number of professional staff employed in a school because some staff members may not have filled in a survey. In addition, some staff members may have completed one section of the survey but not another section. As a result, the totals under the "Age", "Years in Present System", and "Position" columns may not be the same. The total number (#) of professional staff recorded in the "Census" column is the largest number of staff found in either the "Age", "Years in Present System", or "Position" categories. The "Total" number of professional staff members may be greater than the total number of "White", "Black", "Spanish Surname", "Asian-American", "Native-American", and "Other" professional staff members because some people who answered this survey did not indicate their racial or ethnic background. An N.A. indicates that this information was not available for the school.

The survey form had 24 different position codes. These positions were reclassified, by the MPP support research staff, under one of these four headings: "Administrators", "Teachers", "Teacher Aides", and "Other Professionals".

"Administrators" include the following positions:

1. Administrative Assistant
2. Assistant Director or Manager
3. Assistant or Vice-Principal
4. Assistant Superintendent
5. Assistant Supervisor
6. Director or Manager (Pupils or Programs)
7. Principal
8. Research
9. Superintendent

"Teachers" include:

1. Itinerant Teacher
2. Special Class Teacher (Handicapped)
3. Specialist (Reading, Speech, etc.)
4. Teacher

"Teacher Aides" include:

1. Teacher Aide

"Other Professionals" include:

1. Attendance Supervisor
2. Chairman or Department Head
3. Counselor
4. Librarian
5. Nurse
6. Other Professional or Technical Personnel
7. Psychologist
8. Psychometrist
9. Social Worker (Adjustment Counselor)
10. Supervisor or Consultant (Staff Improvement)

PAGE 2 - STUDENT ETHNIC CENSUS: 1973-74

This information was obtained from the Massachusetts State Department of Education, Division of Research, Planning, and Evaluation, Enrollment by Classification, Exhibit II, 1973-74. The figures in the "White" column include "White" students and students of racial backgrounds other than "Black", "Native-American", "Asian-American", and "Spanish Surname". "Spanish Surname" students were placed in the "Non-white" category.

PAGE 2 - RACIAL CENSUS: 1967-68; 1970-71; 1972-73

The information on the "Total", "White", and "Non-white" enrollments for these three school years were obtained from the Massachusetts State Department of Education, Division of Research, Planning, and Evaluation, Racial Census, October, 1967; Racial Census, October, 1970; and Racial Census, October, 1972. The Racial Census does not indicate which students were considered "White" and which were considered "Non-white".

PAGE 2 - RACIAL CENSUS: ENROLLMENT CHANGE 1967-1972

These figures were calculated from the previous table by the MPP support research staff. The figures under the number sign (#) column were calculated by subtracting from the "Total", "White" or "Non-white" enrollment for the 1972-73 school year, the "Total", "White" or "Non-white" enrollment for the 1967-68 school year. For example, if the 1972-73 total enrollment was 100 students and the 1967-68 enrollment was 50 students, the enrollment change would be +50(100-50) and this figure would appear in the appropriate box. The figures under the percent(%) column were derived by dividing the difference between the 1972-73 and 1967-68 enrollment by the 1967-68 enrollment. If the difference, for example, between the 1972-73 and 1967-68 enrollments were +50 and the 1967-68 enrollment were 50, the percent change would be +100(50/50). The figures under the "% Change in Proportional Distribution" column were calculated as follows:

The "% White" (or "% Non-white") for 1972-73 was subtracted from the "% White" (or "% Non-white") for 1967-68.

This difference was divided by the "% White" (or "% Non-white") for 1967-68 and this is the figure that was recorded. For example, if the "% White" in 1967-68 was 75% and the "% White" in 1972-73 was 50%, the "% Change in Proportional Distribution" would be calculated as follows:
$$(50-75)/75 = (-25)/75 = -0.33.$$

Since the percent "Total Enrollment" is always 100%, no "% Change in Proportional Distribution" was calculated or recorded for "Total Enrollment". If there is a percent change from 0 to any number, the "% Change in Proportional Distribution" is mathematically undefined. This is noted by the word "Undefined".

PAGE 2 - FOLLOW-UP OF HIGH SCHOOL GRADUATES: 1968-1972

The information on the post high school placement of 1968 graduates was obtained from the Massachusetts State Department of Education, Division of Research, Planning, and Evaluation, Distribution of Graduating Class, 1969. The number of students in each of the various placement categories may not equal the total number of high school graduates because information on all placements was not available. If there was no information available on high school graduates in a particular school, this is noted by an N.A. in the first column (under the # sign). The information on the 1972 graduates was obtained from the Massachusetts State Department of Education, Division of Research, Planning, and Evaluation, Distribution of High School Graduates, Class of 1972, Fall 1973. The percentages in the 1972 column may not add up to 100% because of rounding. This table is only displayed for high schools; the profiles for elementary and junior high schools do not have this table.

PAGE 2 - ELIGIBLE TRANSITIONAL BILINGUAL STUDENTS: 1973-74

The number of students eligible for a transitional bilingual program was obtained from the Massachusetts State Department of Education, Bureau of Transitional Bilingual Education, Census of Children of Limited English Speaking Ability on October 1, 1973, under Chapter 71A, Act of 1971. This Census of all public school students is conducted each year in order to determine how many students are of limited English speaking ability as defined in Chapter 71A and, thus, eligible for transitional bilingual classes. The "Percent of Bilingual Enrollment" was calculated by the MPP support research staff by dividing the number of students in each language category, such as "Chinese" or "French" by the "Total" number of eligible bilingual students.

Leslie Steven May

EDUCATIONAL CHARACTERISTICS

NUMBER OF SCHOOLS AND ENROLLMENT By Type of School: 1973-74				
Type of School	Number of Schools	Enrollment		
		Total	White	Non-white
Elementary	2	790	790	0
Junior High	0			
High School	0			
Special & Ungraded	0			
Regional	1	N.A.	N.A.	N.A.
Vocational	0			
Total	3	N.A.	N.A.	N.A.

SCHOOL ATTENDING CHILDREN IN PUBLIC and Non-public Schools				
Year	Total	Public	Non-public	
		#	%	%
1967-68	1,005	916	91.1	8.9
1970-71	1,195	1,102	92.2	7.8
1972-73	1,294	1,194	92.3	7.7

EDUCATIONAL COLLABORATIVE PARTICIPATION 1973-74	
Leslie B. Cutler Clinic;	King Philip Reg. High School
Metropolitan Planning Project-Approving District	

1970 CENSUS: SCHOOL ENROLLMENT FOR Level and Type of School by Race (Population 3 - 34 years)									
Level and Type of School	Total		White		Black		Spanish-American		
	#	%	#	%	#	%	#	%	
Nursery School	0		0		0		N.A.		
Public	0		0		0		N.A.		
Parochial	23	1.8	23	1.8	0		N.A.		
Private	21	1.7	21	1.7	0		N.A.		
Kindergarten	0		0		0		N.A.		
Public	73	5.8	60	4.8	13	1.0	N.A.		
Parochial							N.A.		
Private							N.A.		
Elementary (1-8)	779	61.4	766	61.5	0		N.A.		
Public	8	0.6	8	0.6	0		N.A.		
Parochial	8	0.6	8	0.6	0		N.A.		
Private							N.A.		
High School (1-4)	270	21.3	270	21.7	0		N.A.		
Public	8	0.6	8	0.6	0		N.A.		
Parochial	0		0		0		N.A.		
Private	14	1.1	14	1.1	0		N.A.		
College	65	5.1	65	5.2	0		N.A.		
Public							N.A.		
Private							N.A.		

FEDERALLY-FUNDED PROGRAMS: 1973-1974			
Program	# of Students	% Total Enrollment	
Title I	0		
Title III	0		

METROPOLITAN PLANNING PROJECT/COMMUNITY PROFILE # 208 NORFOLK

EDUCATIONAL CHARACTERISTICS

RACIAL CENSUS: 1967-68; 1970-71; 1972-73					
Years	Total Enrollment	White		Non-white	
		#	%	#	%
1967-1968	604	602	99.7	2	0.3
1970-1971	621	620	99.8	1	0.2
1972-1973	659	659	100.0	0	

RACIAL CENSUS: ENROLLMENT CHANGE 1967-1972				
	#	%	% Change in Proportional Distribution	
TOTAL	+55	+9.1		
White	+57	+9.5	+0.3	
Non-white	-2	-100.0	-100.0	

STUDENT ETHNIC CENSUS: 1973-74					
	Black	Non-white			Spanish Surname
		Native-American	Asian-American		
Number	0	0	0	0	0
Percent					

FOLLOW UP OF HIGH SCHOOL GRADUATES: 1968; 1972				
Post High School Placement	Class of			
	#	%	#	%
4-yr. State College				
4-yr. Other College				
2-yr. State College				
2-yr. Other College				
Nurses Training				
Other Post Secondary				
Military				
Work				
Other				
TOTAL				

ELIGIBLE TRANSITIONAL BILINGUAL STUDENTS: 1973-74		
Language	Number of Students	Percent of Bilingual Enrollment
TOTAL	0	
Chinese		
French		
Greek		
Italian		
Portuguese		
Spanish		
Other		

METROPOLITAN PLANNING PROJECT/COMMUNITY PROFILE # 208 NORFOLK
EDUCATIONAL CHARACTERISTICS

PUBLIC SCHOOL STUDENT ENROLLMENTS: 1964 - 1982			
Past Enrollments: 1964 - 1972			
Projected Enrollments: 1973 - 1982			
School Year Beginning in Fall of	Total K-6 ($R^2 = .893$)	White K-6 ($R^2 = .896$)	Non-white K-6 ($R^2 = .231$)
1964	455.000	455.000	0.0
1965	494.000	491.000	3.00000
1966	499.000	496.000	3.00000
1967	604.000	602.000	2.00000
1968	567.000	565.000	2.00000
1969	587.000	585.000	2.00000
1970	621.000	620.000	1.00000
1971	639.000	635.000	0.0
1972	655.000	659.000	0.0
1973	692.610	692.250	0.0
1974	717.244	717.100	0.0
1975	741.877	741.949	0.0
1976	766.510	766.800	0.0
1977	791.144	791.649	0.0
1978	815.777	816.500	0.0
1979	840.410	841.350	0.0
1980	865.044	866.199	0.0
1981	889.677	891.050	0.0
1982	914.210	915.892	0.0

METROPOLITAN PLANNING PROJECT/COMMUNITY PROFILE # 208 NORFOLK

EDUCATIONAL CHARACTERISTICS

NUMBER OF TEACHERS BY RACE: 1972-73										
Total	White		Non-White		Non-white					
					Black		Asian-American		Native-American	
	#	%	#	%	#	%	#	%	#	%
N.A.										

NUMBER OF TEACHERS, TEACHER AIDES AND OTHER PROFESSIONAL STAFF: 1973-74															
Staff Status	Total	White		Non-white		Non-white						Other			
		#	%	#	%	Black		Asian-American		Native-American			Spanish Surname		
						#	%	#	%	#	%		#	%	#
Teachers	41	41	100.0	0											
Teacher Aides	0	0		0											
Other Professional Staff	3	3	100.0	0											
Total	44	44	100.0	0											

METROPOLITAN PLANNING PROJECT/COMMUNITY PROFILE # 208 NORFOLK
EDUCATIONAL CHARACTERISTICS

SELECTED FINANCIAL CHARACTERISTICS							
Year	% Municipal Tax Spent on Education	Comprehensive Per Pupil Expenditure (in \$)			Public School Attending Children Transported at Public Expense		Computative Equalized Property Valuation per School Attending Child (in \$)
		Total	Elementary School	Junior High School	High School	#	
1967-68	52.8	386	386	0	0	477	16,915
1970-71	59.1	766	558	918	1,162	560	18,410
1972-73	61.7	1,162	757	1,382	2,072	480	21,638

1973 TAX RATE	
Official	Equalized
47.60	47.60

1973 SCHOOL TAX RATE	
Official	Equalized
29.31	29.31

1973 MOODY'S BOND RATING
A

PUBLIC SCHOOL STUDENTS Receiving Subsidized Lunches: 1973-74		
	# of Lunch Program Students	% of Total Enrollment
TOTAL	64	8.1
Free	64	8.1
Reduced Price	0	

STUDENTS ENROLLED IN METCO		
Year	# METCO Students	% of Total Enrollment
1967-68	0	
1970-71	0	
1972-73	0	
1973-74	0	

EDUCATIONAL CHARACTERISTICS

PERCENT DISTRIBUTION OF SCHOOL REVENUES: 1967-68; 1970-71; 1972-73										
Year	Total Public School Funds Provided *	Local Sources		Commonwealth Sources		Federal Sources		Other School Districts		
		\$	%	\$	%	\$	%	\$	%	
1967-68	574,642	441,879	76.9	125,206	21.8	8,488	1.5	0		
1970-71	911,705	559,658	61.4	338,877	37.2	17,102	1.9	0		
1972-73	1,307,081	919,854	70.4	380,143	29.1	15,262	1.2	0		
Notes: *The amount of Total Public School Funds Provided is not necessarily equal to the total of the Local, Commonwealth, Federal, and Other School District revenues because the total incorporates an adjustment figure reported in the annual budget for the beginning and ending balance.										

ABSOLUTE DOLLAR AND PERCENT CHANGES IN REVENUES: 1967-72									
Changes in Public School Funds Provided 1967-72	Total	Local Sources		Commonwealth Sources		Federal Sources		Other School Districts	
		\$	%	\$	%	\$	%	\$	%
732,439	127.5	477,975	108.2	254,937	203.6	6,774	79.8	0	0.0

PERCENT CHANGE IN PROPORTIONAL DISTRIBUTION OF REVENUES: 1967-72				
% Change in Proportional Distribution of Revenue 1967-72	Local Sources		Commonwealth Sources	
			Federal Sources	
	- 8.5		33.5	
			- 20.0	
			0.0	

METROPOLITAN PLANNING PROJECT/COMMUNITY PROFILE # 208 NORFOLK

EDUCATIONAL CHARACTERISTICS

PERCENT DISTRIBUTION OF SCHOOL EXPENDITURES: 1967-68; 1970-71; 1972-73																
Year	Total Public School Funds Applied	Expenditures by School Committee						Expenditures for Services provided by Other Municipal Agencies		Expenditures for Regional School Assessments		Expenditures of Federal Funds		Expenditures of Revolving Funds		
		Administration		Instruction		Other*		Agencies								
		\$	%	\$	%	\$	%	\$	%	\$	%	\$	%	\$	%	
1967-68	574,642	8,266	1.4	143,293	24.9	46,512	8.1	58,265	10.1	305,631	53.2	6,488	1.1	6,187	1.1	
1970-71	911,705	16,203	1.8	250,223	27.5	83,285	9.1	71,943	7.9	467,530	51.3	14,086	1.5	8,435	0.9	
1972-73	1,307,081	12,050	0.9	356,636	27.3	114,979	8.8	180,718	13.8	592,519	45.3	8,835	0.7	41,344	3.2	

ABSOLUTE DOLLAR AND PERCENT CHANGES IN EXPENDITURES: 1967-72															
Changes in Public School Funds Expended 1967-72	Total Public School Funds Applied \$	Expenditures by School Committee						Expenditures for Services provided by Other Municipal Agencies		Expenditures for Regional School Assessments		Expenditures of Federal Funds		Expenditures of Revolving Funds	
		Administration		Instruction		Other*		\$	%	\$	%	\$	%	\$	%
		\$	%	\$	%	\$	%								
	732,439	3,784	45.8	213,343	148.9	68,467	147.2	122,453	210.2	286,888	93.9	2,347	36.2	35,157	568.2

PERCENT CHANGE IN PROPORTIONAL DISTRIBUTION OF EXPENDITURES: 1967-72									
Percent Change in Proportional Distribution of Expenditures 1967-72	Expenditures by School Committee			Expenditures for Services provided by Other Municipal Agencies	Expenditures for Regional School Assessments	Expenditures of Federal Funds	Expenditures of Revolving Funds		
	Administration	Instruction	Other*						
		-35.7	9.6	8.6	36.6	-14.8	-36.4	190.9	

Note: *Other includes the following categories: attendance, health service, pupil transportation, food services, athletics, other student-body activities, operation and maintenance of plant, fixed charges, community services, acquisitions of fixed assets, debt retirement and debt services, and programs with other districts.

EDUCATIONAL CHARACTERISTICS

1970 CENSUS: COUNT OF PERSONS 25 YEARS OF AGE AND OVER BY RACE AND YEARS OF SCHOOL COMPLETED									
Level and Years of School Completed	Total Population		White		Black		Spanish-American		
	#	%	#	%	#	%	#	%	
No School	22	0.9	22	0.9	0		0		
Year Completed									
Elementary:	40	1.6	30	1.2	10	7.8	0		
1-4 years									
5-6 years	95	3.7	85	3.5	10	7.8	0		
7 years	113	4.4	89	3.7	24	18.6	0		
8 years	251	9.8	219	9.0	27	20.9	0		
High School:									
1-3 years	444	17.3	402	16.6	33	25.6	0		
4 years	926	36.1	906	37.4	20	15.5	0		
College:									
1-3 years	404	15.8	399	16.5	5	3.9	0		
4 years	153	6.0	153	6.3	0		0		
5 years or more	117	4.6	117	4.8	0		0		
Total	2,565	100.0	2,422	100.0	129	100.0	0		

MEDIAN SCHOOL YEARS COMPLETED				
Total Population	White	Black	Spanish-American	
11.7	11.8	8.8	N.A.	

METROPOLITAN PLANNING PROJECT/COMMUNITY PROFILE # 208 NORFOLK

DEMOGRAPHIC CHARACTERISTICS

CENSUS POPULATION BY RACE AND SPANISH LANGUAGE: 1960; 1970															
Year	Total Population	Total Population				Non-White								Spanish Language	
		White		Non-white		Black		Native-American		Asian-American		Other			
		#	%	#	%	#	%	#	%	#	%	#	%	#	%
1960	3,471	3,300	95.1	171	4.9	165	4.8	0		0		6	0.2	Not Available	
1970	4,656	4,417	94.9	239	5.1	212	4.6	4	0.1	5	0.1	18	0.4		
1960-1970 Increase (+) Decrease (-)	1.185	+1,117	33.8	+68	39.8	+47	28.5	+4	Under-fined	+5	Under-fined	+12	200.0	N.A.	
% Change in Proportional Distribution		-0.2		+4.1		-4.2		Undefined		Undefined		+100.0			

CENSUS POPULATION INCREASE OR DECREASE: 1960-1970	
1960-70 Increase (+) or Decrease (-)	+1,185
% Change 1960-70 Increase (+) or Decrease (-)	+34.1
Balance of Births to Deaths	
Excess of Births (+)	
Excess of Deaths (-)	+ 544
Net Migration	
Excess of People Moving In (+)	
Excess of People Moving Out (-)	+ 641

1970 CENSUS: FERTILITY RATIO BY RACE	
Total Population	1.940:1
White	1.935:1
Black	3.000:1
Spanish-American	N.A.

METROPOLITAN PLANNING PROJECT/COMMUNITY PROFILES # 208 NORFOLK

DEMOGRAPHIC CHARACTERISTICS

1970 CENSUS: Household Population by Race		
Race	Total Population #	Population in Households # %
White	4,417	3,735 99.5
Black	212	7 0.2
Other	27	12 0.3
Total	4,656	3,754 100.0

1970 CENSUS: Number of Families by Sex of Family Head				
Family Head	Total Population	White	Black	Spanish-American
Male	838	838		
Female	68	68		
Total	906	906	0	N.A.

1970 CENSUS: AGE DISTRIBUTION BY RACE									
Age	Total	White		Non-white		Non-white			
		#	%	#	%	Black	Other	Black	Other
Under 5	430	428	9.7	2	0.8	0	3	0.0	11.1
5 - 9	523	519	11.8	4	1.7	2	2	0.9	7.4
10 - 14	440	437	9.9	3	1.3	0	3	0.0	11.1
15 - 19	326	317	7.2	9	3.8	7	2	3.3	7.4
20 - 24	353	297	6.7	56	23.4	55	1	25.9	3.7
25 - 44	1,560	N.A.		N.A.		N.A.	N.A.		
45 - 64	780	N.A.		N.A.		N.A.	N.A.		
65 and Over	244	243	5.5	1	0.4	1		0.5	
Total	4,656	4,417	100.0	239	100.0	212	27	100.0	100.0

METROPOLITAN PLANNING PROJECT/COMMUNITY PROFILE # 208 NORFOLK

DEMOGRAPHIC CHARACTERISTICS

1970 CENSUS: NATIVITY AND PARENTAGE					
Nativity	Total Population		White		Spanish-American
	#	%	#	#	#
Native of Native Parent	3,642	78.2	3,457	185	
Foreign Stock	1,014	21.8	967	27	
Total	4,656	100.0	4,424	212	N.A.

1970 CENSUS: MOST FREQUENT COUNTRY of Origin of Foreign Stock			
Country of Origin	# of Persons	% Foreign Stock Population	
Canada	338	33.3	
United Kingdom	151	14.9	
Ireland	83	8.2	
Italy	72	7.1	

1970 CENSUS: SPANISH POPULATION INDICATORS		
Indicators	# of Persons	% of Total Population
Spanish Origin or Descent	17	0.4
Puerto Rican Birth or Parentage	7	0.2
Spanish Language	14	0.3

1970 CENSUS: MOST FREQUENT MOTHER TONGUES Other Than English		
Mother Tongue	# of Persons	% of Total Population
French	108	2.3
Italian	79	1.7
Polish	59	1.3
German	47	1.0

METROPOLITAN PLANNING PROJECT/COMMUNITY PROFILE # 208 NORFOLK

ECONOMIC CHARACTERISTICS

1970 CENSUS: NUMBER OF EMPLOYED PERSONS 16 YEARS OLD AND OVER BY OCCUPATION									
Occupation	Total Persons Employed		White		Black		Spanish-American		
	#	%	#	%	#	%	#	%	
Professional, Technical and Kindred Workers	246	16.7	246	16.7	0	0			
Managers and Administrators, except Farm	154	10.5	154	10.5	0	0			
Sales Workers	138	9.4	138	9.4	0	0			
Clerical and Kindred Workers	247	16.8	247	16.8	0	0			
Craftsmen, Foremen and Kindred Workers	232	15.8	232	15.8	0	0			
Operatives, except Transport	154	10.5	154	10.5	0	0			
Transport Equipment Operatives	26	1.8	26	1.8	0	0			
Laborers, except Farm	51	3.5	51	3.5	0	0			
Farmers and Farm Managers	16	1.1	16	1.1	0	0			
Farm Laborers and Foremen	18	1.2	18	1.2	0	0			
Service Workers, except Private Household	166	11.3	166	11.3	0	0			
Private Household Workers	22	1.5	22	1.5	0	0			
Total	1,470	100.0	1,470	100.0	0	0			N.A.

ECONOMIC CHARACTERISTICS

MEDIAN INCOME: 1960 CENSUS; 1970 CENSUS									
Year	Families			Unrelated Individuals					
	All	White	Black	Spanish-American	All	White	Black	Spanish-American	
1960	N.A.				N.A.				
1970	\$12,015	\$12,015	N.A.	N.A.	\$3,868	\$3,868	N.A.	N.A.	N.A.

1970 CENSUS: EMPLOYMENT STATUS BY RACE of Persons 16 Years of Age and Over in Labor Force									
Employment Status	Total Population		White		Black		Spanish-American		
	#	%	#	%	#	%	#	%	
Employed	1,470	98.3	1,470	98.3	0		0		
Unemployed	26	1.7	26	1.7	0		0		
Total	1,496	100.0	1,496	100.0	0		0		

ECONOMIC CHARACTERISTICS

1970 CENSUS:									
Number of Persons in Families and Number of Unrelated Individuals with Income Less Than Poverty Level									
Family Status	Total Population		White		Black		Spanish-American		
	#	%	#	%	#	%	#	%	
Persons in Families	210	73.2	210	73.2	0				
Unrelated Individuals	77	26.8	77	26.8	0				
Total	287	100.0	287	100.0	0				N.A.

1970 CENSUS:									
Number of Related Children Under 18 in Families Below Poverty Level by Presence of Parents									
Parental Presence	Total Population		White		Black		Spanish-American		
	#	%	#	%	#	%	#	%	
Living with Both Parents	129	7.8	129	7.9	0				
Other	6	0.4	6	0.4	0				
Total	135	8.2	135	8.3	0				N.A.

METROPOLITAN PLANNING PROJECT/COMMUNITY PROFILE # 208 NORFOLK

ECONOMIC CHARACTERISTICS

CHARACTERISTICS OF INDUSTRIAL FIRMS: 1967					
Industry	Number of Firms	Annual Payroll in \$	Average Number of Employees	Average Annual Wage in \$	
Agriculture and Mining	4	60,068	16	3,754	
Construction	15	557,970	88	6,341	
Manufacturing	4	537,006	86	6,244	
Transportation, Communication, and Utilities	2	97,758	41	2,384	
Wholesale and Retail Trade	13	314,286	77	4,082	
Finance, Insurance, Real Estate	3	7,321	5	1,464	
Service Industries	3	26,217	6	4,370	
Total	44	1,600,626	319	5,018	

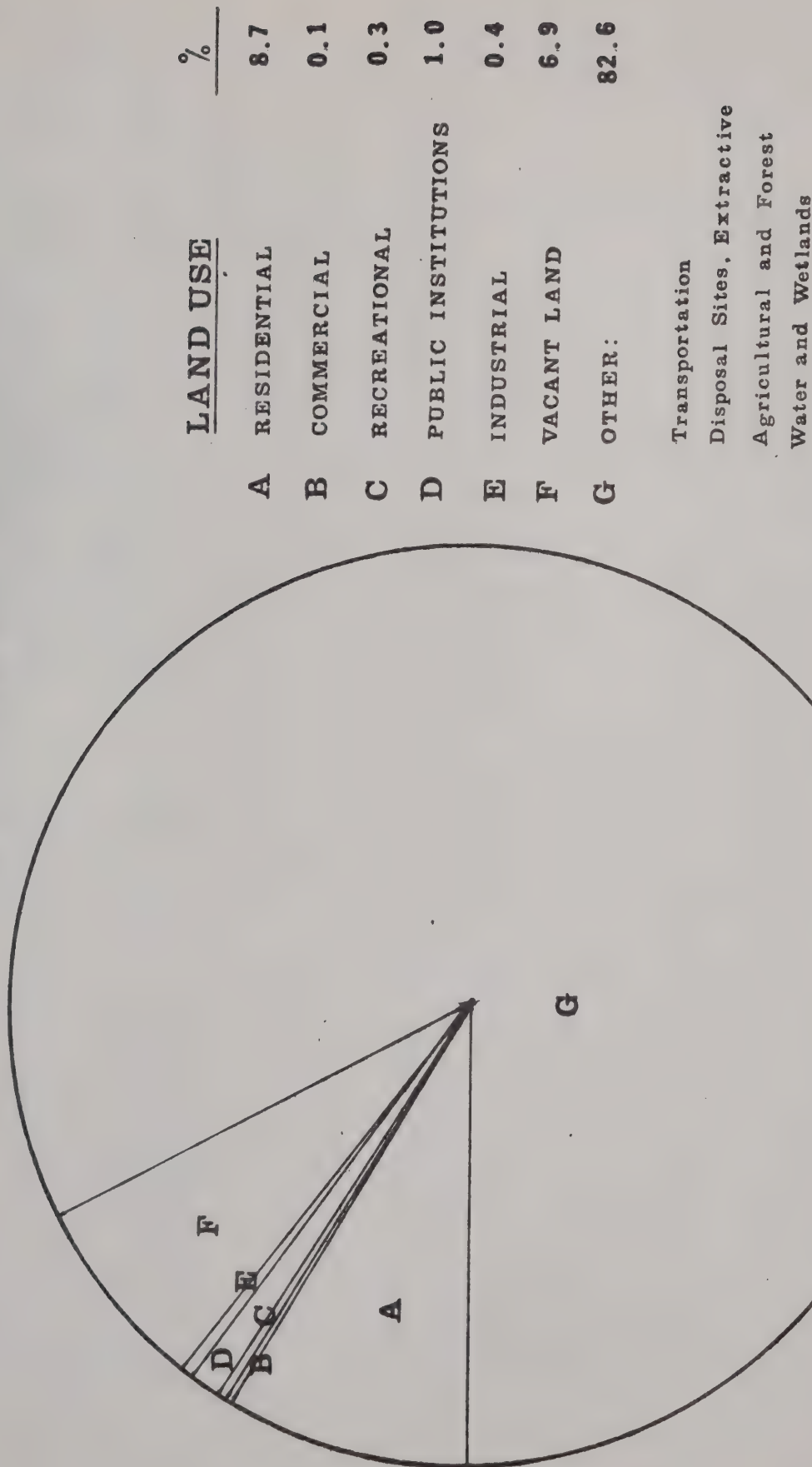
METROPOLITAN PLANNING PROJECT/COMMUNITY PROFILE # 208 NORFOLK

ECONOMIC CHARACTERISTICS

CHARACTERISTICS OF INDUSTRIAL FIRMS: 1972					
Industry	Number of Firms	Annual Payroll in \$	Average Number of Employees	Average Annual Wage in \$	
Agriculture and Mining	2	42,056	7	6,008	
Construction	15	400,548	58	6,906	
Manufacturing	7	679,045	81	8,383	
Transportation, Communication, and Utilities	2	245,538	65	3,778	
Wholesale and Retail Trade	14	535,598	99	5,410	
Finance, Insurance, Real Estate	3	14,537	7	2,077	
Service Industries	6	129,022	27	4,779	
Total	49	2,046,345	344	5,949	

1971 LAND USE PATTERN IN

NORFOLK



METROPOLITAN PLANNING PROJECT/COMMUNITY PROFILE # 208 NORFOLK

HOUSING CHARACTERISTICS

1970 CENSUS: SELECTED HOUSING CHARACTERISTICS													
Total Housing Units						Occupied Housing Units						Median Value Owner Occupied Unit	Median Contract Rent
Total		Vacant		Occupied		Total		Owner Occupied		Renter Occupied			
#	%	#	%	#	%	#	%	#	%	#	%	\$	
1,139	100.0	98	8.6	1,041	91.4	1,041	100.0	869	83.5	172	16.5	20,100	98

1970 CENSUS: NUMBER OF HOUSING UNITS by Occupancy Status and Race of Head of Household						
Occupancy Status	Total		White Head of Household		Black Head of Household	
	#	%	#	%	#	%
Owner Occupied	869	79.0	867	83.5	2	100.0
Renter Occupied	172	15.6	171	16.5	0	
Vacant Year Round	59	5.4	Not Applicable			
Total	1,100	100.0	1,038	100.0	2	100.0

BUILDING PERMITS ISSUED FOR NEW Dwelling Units: 1960-1971	
Year Issued	Number
1960-1964	178
1965-1970	148
1971	51
Total	377

METROPOLITAN PLANNING PROJECT/COMMUNITY PROFILE # 208 NORFOLK

HOUSING CHARACTERISTICS

NUMBER OF SUBSIDIZED HOUSING UNITS BY TYPE OF UNIT BY CONSTRUCTION STATUS: 1973									
Status	Total Subsidized Units	Low Income Units			Moderate Income Units			MHFA Low-Moderate Income Units	
		Elderly	Family	Leased	Elderly	Family Homeownership	Rental Assistance	Low	Moderate
Completed	1	0	0	1	0	0	0	0	0
Under Construction	0								
In Planning	48	48	0	0	0	0	0	0	0

1970 CENSUS: AGE OF HOUSING UNITS									
Year Built	Total Housing Units		Black Occupied Housing Units		Other Occupied Housing Units		Spanish-American Occupied Housing Units		
	#	%	#	%	#	%	#	%	
1965-March 1970	142	12.8							
1960-1964	169	15.3							
1950-1959	253	22.9							
1940-1949	166	15.0							
1939 or earlier	376	34.0							
Total	1,106	100.0	N.A.		N.A.		N.A.		N.A.

HOUSING CHARACTERISTICS

1970 CENSUS: NUMBER OF PERSONS PER ROOM IN OCCUPIED HOUSING UNITS by Race of Head of Household						
Persons per Room	Total Occupied Units		Black Occupied Units		Other Occupied Units	
	#	%	#	%	#	%
1.00 or less	965	92.7				
1.01 to 1.50	63	6.1				
1.51 or more	13	1.2				
Total	1,041	100.0	N.A.		N.A.	

1970 CENSUS: TYPE OF HOUSING STRUCTURE			
Type	# of Structures	% of Housing Units	
1 Unit	1,004	90.8	
2 Units	57	5.2	
3-4 Units	13	1.2	
5-9 Units	22	2.0	
10 or more Units	5	0.5	
Mobile Home or Trailer	5	0.5	
Total	1,106	100.0	

1970 CENSUS: Average Number of Persons per Housing Unit	
Total Occupied Housing Units	3.6
Black Occupied Housing Units	N.A.
Other Occupied Housing Units	N.A.
Spanish-American Occupied Housing Units	N.A.

METROPOLITAN PLANNING PROJECT/COMMUNITY PROFILE # 208 NORFOLK

HOUSING CHARACTERISTICS

1970 CENSUS: VALUE OF OWNER OCCUPIED HOUSING UNITS BY RACE OF HEAD OF HOUSEHOLD									
	Total Owner Occupied Units		Black Owner Occupied Units		Other Owner Occupied Units		Spanish-American Owner Occupied Units		
	#	%	#	%	#	%	#	%	
Less than \$5,000	5	0.7							
\$5,000 - \$7,499	26	3.5							
\$7,500 - \$9,999	21	2.8							
\$10,000 - \$12,499	25	3.4							
\$12,500 - \$14,999	88	11.9							
\$15,000 - \$17,499	50	6.8							
\$17,500 - \$19,999	116	15.7							
\$20,000 - \$24,999	160	21.7							
\$25,000 - \$34,999	183	24.8							
\$35,000 - \$49,999	54	7.3							
\$50,000 and over	10	1.4							
Total	738	100.0	N.A.		N.A.		N.A.		

HOUSING CHARACTERISTICS

1970 CENSUS: MONTHLY GROSS RENT BY RACE OF HEAD OF HOUSEHOLD									
Monthly Gross Rent	Total Renter		Black Renter		Other Renter		Spanish-American		
	Occupied Units #	Units %	Occupied Units #	Units %	Occupied Units #	Units %	Renter Occupied Units #	Units %	
Less than \$30	14	8.6							
\$30 - \$49	0								
\$50 - \$69	16	9.8							
\$70 - \$89	5	3.1							
\$90 - \$119	19	11.7							
\$120 - \$149	33	20.2							
\$150 - \$199	50	30.7							
\$200 - \$249	11	6.7							
\$250 - \$299	0								
\$300 or more	0								
No Cash Rent	15	9.2							
Total	163	100.0	N.A.		N.A.		N.A.		

School District # 208
School # 005

1973-74	School District: Norfolk	School Name: Alvin J. Freeman	No. & Street: 70 Boardman	City, State, Zip: Norfolk, Mass. 02056	Grade Organization: K-3	Facilities:	Initial Construction Date: 1949	Dates of Additions or Changes: 1963	# Rooms, Instructional Use: 24	# Rooms, Other Uses: 21	TOTAL: 45
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1973-74	
Federal Programs	
Title I:	
Type of Program:	
# of Students:	0
% School Enrollment:	
Lunch Program:	
# Students, Free:	
# Students, Reduced Price:	shared program with
TOTAL	Centennial
% School Enrollment:	
Bilingual Program:	
# Eligible Students:	0
% School Enrollment:	
METCO Interdistrict Program:	
# Students:	0
% School Enrollment:	

[illegible]

METROPOLITAN PLANNING PROJECT/INDIVIDUAL SCHOOL PROFILE

1973-74 Federal Programs		School District # 208 School # 010
Title I:		
Type of Program:		
# of Students:		0
% School Enrollment:		
Lunch Program:		
# Students, Free:		64
# Students, Reduced Price:		0
TOTAL		64
% School Enrollment:		19.0
Bilingual Program:		
# Eligible Students:		0
% School Enrollment:		
METCO Interdistrict Program:		
# Students:		0
% School Enrollment:		

1973-74	School District: <u>Norfolk</u>
School Name: <u>Centennial</u>	
No. & Street: <u>70 Boardman</u>	
City, State, Zip: <u>Norfolk, Mass. 02056</u>	
Grade Organization: <u>4-6</u>	
Facilities:	
Initial Construction Date: <u>1971</u>	
Dates of Additions or Changes:	
# Rooms, Instructional Use: <u>20</u>	
# Rooms, Other Uses: <u>16</u>	
TOTAL <u>30</u>	

STAFF ETHNIC CENSUS: 1973-74									
Professional Staff	Census		Age			Years in Present System		Position	
	#	%	Under 26	26-34	35-55	56 & Over	Under 3	3-9	10 & Over
TOTAL	N.A.								
White	N.A.								
Black	N.A.								
Spanish Surname	N.A.								
Asian-American	N.A.								
Native-American	N.A.								
Other	N.A.								
								Teachers	Teacher Aides
								Administrators	Other Professionals

School District # 208
School # 010

STUDENT ETHNIC CENSUS: 1973-74							
	Total	White	Non-white	Non-white			Spanish Surname
				Black	Native-American	Asian-American	
Number	336	336	0	0	0	0	0
Percent	100.0	100.0					

RACIAL CENSUS: 1967-68, 1970-71, 1972-73					
Years	Total Enrollment	White		Non-white	
		#	%	#	%
1967-1968	School not Open				
1970-1971	School not Open				
1972-1973		310	100.0	0	

RACIAL CENSUS: ENROLLMENT CHANGE 1967-1972			
	#	%	% Change in Proportional Distribution
TOTAL	310	Not Applicable	
White	310	Not Applicable	Not Applicable
Non-white	0	Not Applicable	Not Applicable

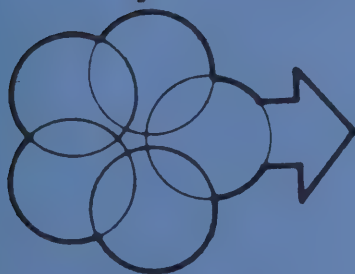
ELIGIBLE TRANSITIONAL BILINGUAL STUDENTS: 1973-74		
Language	Number of Students	Percent of Bilingual Enrollment
TOTAL	0	
Chinese		
French		
Greek		
Italian		
Portuguese		
Spanish		
Other		

METRO WAYS TO UNDERSTANDING

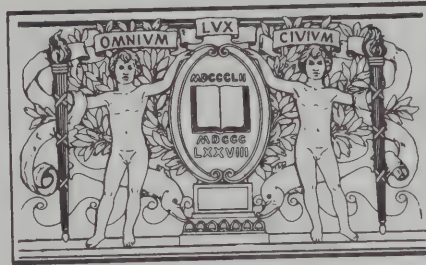
A PLAN FOR THE VOLUNTARY ELIMINATION OF
RACIAL AND ETHNIC ISOLATION IN THE SCHOOLS
OF THE BOSTON METROPOLITAN AREA

VOLUME III COMMUNITY PROFILES

TOWN OF
NORTH READING



THE METROPOLITAN PLANNING PROJECT



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METRO WAYS TO UNDERSTANDING:

A Plan for the Voluntary Elimination of
Racial and Ethnic Isolation in the Schools of
The Boston Metropolitan Area

VOLUME III THE COMMUNITY PROFILES

Community Profile # 217
Town of North Reading

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1973-74

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ABSTRACT

The Metropolitan Planning Project is a collaborative effort of 17 school districts supported by an additional 39 approving school districts within the Boston Metropolitan Area. Its mandate is to develop a Ten Year Plan for the phased elimination of racial and ethnic isolation in the area's schools through voluntary school district collaboration. The Project is funded by the U.S. Office of Education under the Emergency School Aid Act of 1972.

METROWAYS TO UNDERSTANDING: A Plan for the Voluntary Elimination of Racial and Ethnic Isolation in the Schools of the Boston Metropolitan Area is a phased Ten Year Plan which is a result of the process that the Metropolitan Planning Project has undergone during this year of planning. The Project has worked to achieve effective community participation in an effort to design quality learning environment programs for students. As a result of a city and suburban exchange of ideas, the Metropolitan Planning Project has helped to promote the development of over 78 proposals in 32 cities and towns for the design of new innovative learning environments. With a \$300,000 allocation for pilot programming, 14 pilot projects were funded to test MPP objectives. The projects included students from pre-kindergarten through high school age. The focus ranged from American history, art, ecology, energy, comparative life styles to Afro-American, Hispanic, Native-American, and Chinese-American cultures.

The Project has also compiled extensive data on the educational, demographic, housing, fiscal, socio-economic, land use and ethnic and racial characteristics of the 78 towns and cities in the greater Boston standard metropolitan statistical area (SMSA). This information was developed as a needs analysis and resource inventory and has been utilized in the development of the recommended educational programs. It provides the basis for program implementation. The Ten Year Plan METROWAYS TO UNDERSTANDING is aimed at promoting voluntary collaboration between urban and suburban school districts and includes the involvement of students, parents, teachers, school principals, superintendents, community organizations and others concerned with education.

During the 1974-75 school year, the Metropolitan Planning Project will pilot some of the policy recommendations developed through this participatory planning process. These recommendations include:

METROPATHWAYS - Quality innovative educational programs which will be accessible to secondary school students of different socio-economic, racial, and ethnic background within the metropolitan area by utilizing mass transit routes.

METROPAIRWAYS - Parents and school personnel from pairs or triads of city and suburban districts will meet to formulate educational programs of equal benefit to the students. Learning centers will be developed in two or three schools and each will serve as a supplement to the educational quality of each individual school.

METROETHNIC HERITAGE RESOURCE CENTERS - These will be coordinated within METROCENTER and will promote the study, compilation, production and distribution of materials and information related to minorities and ethnic groups of the SMSA. It will also be an action program for the development of other resource centers in the metropolitan area.

METROCENTER FOR COMMUNICATIONS, COUNSELLING, AND RESOURCE DEVELOPMENT - This center will coordinate the metropolitan educational programs and serve as an information and resource "bank" for students, parents, community groups and educators throughout the metropolitan area who wish to be involved in urban-suburban educational programs and staff development programs aimed at eliminating racial and ethnic isolation of students.

ACKNOWLEDGEMENT

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Marcia Marker Feld,
Executive Director

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INTRODUCTION TO THE NOTES AND SOURCES FOR THE COMMUNITY PROFILES

The Community Profiles were developed for the 78 municipalities that comprise the study area of the Metropolitan Planning Project (MPP). The study area is defined as the 1963 Boston standard metropolitan statistical area (SMSA) boundaries. The Profiles were prepared to meet the mandate of Objective B of the Support Research component of the MPP proposal. This mandate is:

To develop profiles and analysis of social, ethnic, economic, and educational characteristics of the metropolitan area and of its individual communities.

The purpose of these profiles are to serve as the data base for the Ten Year Plan and to develop information for the implementation of educational programs through the analyses of the interaction between the education system and related urban functional systems.

A Community Profile was developed for each of the following cities and towns:

Arlington	Lexington	Randolph
Ashland	Lincoln	Reading
	Lynn	Revere
Bedford	Lynnfield	Rockland
Belmont		
Beverly	Malden	Salem
Boston	Manchester	Saugus
Braintree	Marblehead	Scituate
Brookline	Marshfield	Sharon
Burlington		Sherborn
	Medfield	Somerville
Cambridge	Medford	Stoneham
Canton	Melrose	Sudbury
Chelsea	Middleton	Swampscott
Cohasset	Millis	
Concord	Milton	Topsfield
Danvers	Nahant	Wakefield
Dedham	Natick	Walpole
Dover	Needham	Waltham
Duxbury	Newton	Watertown
	Norfolk	Wayland
Everett	North Reading	Wellesley
	Norwell	Wenham
Framingham	Norwood	Weston
		Westwood
Hamilton	Peabody	Weymouth
Hanover	Pembroke	Wilmington
Hingham		Winchester
Holbrook	Quincy	Winthrop
Hull		Woburn

There are also Profiles for each of the following regional school districts:

Dover-Sherborn
Experimental School System of the Commonwealth of Massachusetts
Hamilton-Wenham
Lincoln-Sudbury
North Shore Regional Vocational

The information in the Community Profiles assess the needs and resources of each community. It is helpful in planning for the future of each school system as well as in the development of educational curricula and programs. These will utilize school and community based resources for metropolitan educational programs for the elimination of racial and ethnic student isolation in the school districts of the SMSA. More detailed analyses of each of these communities, including a series of tables comparing these school districts and an "Analyses of Grouped Communities", are found in earlier Volumes.

These notes were prepared so that persons interested in obtaining further detailed information or in updating present data can easily do so. The source of the information and where it is located is given for each table. Non-classified government information is available by public law to all persons. This includes individual public school records as well as municipal, county, state, and federal data.

There are two sections of the Community Profiles. The first section, Community Profiles, displays educational and educational-related information about the community. The second section, Individual School Profiles, displays educational information about each individual school in the district. The page number at the beginning of a table corresponds to the page number of the Community Profile. Each Individual School Profile is 2 pages and notes for the tables are consistent with this format.

NOTES AND SOURCES FOR THE COMMUNITY PROFILES

EDUCATIONAL CHARACTERISTICS

PAGE 1 - NUMBER OF SCHOOLS AND ENROLLMENT

By Type of School: 1973-74

The information on the total number of schools in a school district, as well as the number of Elementary, Junior High, High Schools, Special and Ungraded, Regional, and Vocational Schools in a district, were obtained from the Massachusetts State Department of Education, Bureau of Educational Information Services, Massachusetts School Directory 1973-74. This publication lists the name, address, and grade organization of each school in the Commonwealth. It notes which schools are Special, Ungraded, Regional, or Vocational. Elementary Schools are those schools composed of one or all the grades K through 5 or grades K through 6. Junior High Schools are those schools composed of one or all the grades 6 through 8; schools with grades 5-6, 5-7, 5-8, and 7-9 are counted as Junior High Schools. High Schools are those schools composed of one or all of the grades 9 through 12.

The "Total", "White", and "Non-white" enrollments for each type of school were obtained from a survey conducted by the Massachusetts State Department of Education, Division of Research, Planning, and Evaluation, Enrollment by Classification, Exhibit II, 1973-74. The enrollments for all Elementary Schools, Junior High Schools, High Schools, Special and Ungraded Schools, Regional Schools, and Vocational Schools in a school district which is recorded in this table were totalled by the Metropolitan Planning Project (MPP) support research staff.

PAGE 1 - SCHOOL ATTENDING CHILDREN IN PUBLIC and Non-public Schools

This information was obtained from the Commonwealth of Massachusetts, Annual Report of the State Department of Education for the Year Ending June 30, 1968; Annual Report ... June 30, 1971; and Annual Report ... June 30, 1973. The percentage of "Public" and "Non-public" school attending children were calculated by the MPP support research staff.

PAGE 1 - EDUCATIONAL COLLABORATIVE PARTICIPATION 1973-74

The educational collaboratives listed in this table were found in the following sources:

The Massachusetts State Department of Education, Bureau of Educational Information Services, Massachusetts School Directory, 1973-74;
Institute for Educational Services, Inc., "Survey on Collaboration", 1971;
Metropolitan Planning Project Support Research Component Telephone Survey, 1974;
Massachusetts State Department of Education, Division of Curriculum and Instruction, Kaleidescope 7, 1973,

Other educational collaboratives in the Boston metropolitan area were not available from these sources.

PAGE 1 - 1970 CENSUS: SCHOOL ENROLLMENT FOR
Level and Type of School by Race
(Population 3 - 34 years)

This information was obtained from the United States Department of Commerce, Bureau of the Census, 1970 Census of Population and Housing. U.S. Census information is available in published monographs, which are available at libraries and governmental agencies, and on computer tapes. The data on computer tape is organized into sequences and each sequence is referred to as a "count". Within each "count", the data is subdivided into tables, and each table has been given a number and title. The information in this table was obtained from the 4th Count Population Summary Tapes for Massachusetts, Table 38, "Population 3 Years Old and Over Enrolled in School by Level and Type of School." This information was based on a 15 percent sample survey. The percentages may not add up to 100 percent because of rounding. An N.A. indicates that this information was not available for the school district. The "Spanish-American" category includes people who are both "White" and "Black" according to the Census definition so that the total of the "White", "Black" and "Spanish-American" columns will never equal the "Total" population column.

PAGE 1 - FEDERALLY-FUNDED PROGRAMS: 1973-74

The information on Title I students in each school district was obtained from the Massachusetts State Department of Education, Division of Curriculum and Instruction, Bureau of Curriculum Services, Title I ESEA, "Unpublished Title I Program Documents, 1973-74". The Title III information was obtained from the Massachusetts State Department of Education, Division of Curriculum and Instruction, Bureau of Curriculum Services, Title III ESEA, Kaleidescope 7, 1973 and the Metropolitan Planning Project support research staff telephone survey of Title III Program Directors, July-August, 1974. The percent total enrollment was calculated by dividing the number of students in Title I and III programs by the total number of students in the district during the 1973-74 school year. The total number of students was obtained from the Massachusetts

State Department of Education, Division of Research, Planning, and Evaluation, Enrollment by Classification, Exhibit II, 1973-74. This is the same total that appears in the "Student Ethnic Census: 1973-74" table on page 2.

The Title I and Title III programs are funded by the U.S. Office of Education and were enacted by the U.S. Congress as part of the 1965 Elementary and Secondary Education Act (ESEA). The Title I program provides assistance for "educationally deprived and neglected and delinquent children." The Title III program "supports proposals to advance creativity in education."

PAGE 2 - RACIAL CENSUS: 1967-68; 1970-71; 1972-73

The information on the "Total", "White", and "Non-white" enrollments for these three school years was obtained from the Massachusetts State Department of Education, Division of Research, Planning, and Evaluation, Racial Census, October, 1967; Racial Census, October, 1970; and Racial Census, October, 1972. The Racial Census does not indicate which students were considered "White" and which were considered "Non-white".

PAGE 2 - RACIAL CENSUS: ENROLLMENT CHANGE 1967-1972

These figures were calculated from the previous table by the MPP support research staff. The figures under the number sign (#) column were calculated by subtracting from the "Total", "White" or "Non-white" enrollment for the 1972-73 school year the "Total", "White" or "Non-white" enrollment for the 1967-68 school year. For example, if the 1972-73 total enrollment was 100 students and the 1967-68 enrollment was 50 students, the enrollment change would be +50(100-50) and this figure would appear in the appropriate box. The figures under the percent (%) column were derived by dividing the difference between the 1972-73 and 1967-68 enrollment by the 1967-68 enrollment. If the difference, for example, between the 1972-73 and 1967-68 enrollments was +50 and the 1967-68 enrollment was 50, the percent change would be +100 (+50/50). The figures under the "% Change in Proportional Distribution" column were calculated as follows:

The "% White" (or "% Non-white") for 1972-73 was subtracted from the "% White" (or "% Non-white") for 1967-68.

This difference was divided by the "% White" (or "% Non-white") for 1967-68 and this is the figure that was recorded. For example, if the "% White" in 1967-68 was 75% and the "% White" in 1972-73 was 50%, the "% Change in Proportional Distribution" would be calculated as follows:
$$(50-75)/75 = (-25)/75 = -0.33.$$

Since the percent "Total Enrollment" is always 100%, no "% Change in Proportional Distribution" was calculated or recorded for "Total Enrollment". If there is a percent change from 0 to any number the "% Change in Proportional Distribution" is mathematically undefined. This is noted by the word "Undefined".

PAGE 2 - STUDENT ETHNIC CENSUS: 1973-74

This information was obtained from the Massachusetts State Department of Education, Division of Research, Planning, and Evaluation, Enrollment by Classification, Exhibit II, 1973-74. The figures in the "White" column include white students and students of racial backgrounds other than "Black", "Native-American", "Asian-American", and "Spanish Surname". "Spanish Surname" students were placed in the "Non-white" category.

PAGE 2 - FOLLOW-UP OF HIGH SCHOOL GRADUATES: 1968; 1972

The information on the post high school placement of 1968 graduates was obtained from the Massachusetts State Department of Education, Division of Research, Planning, and Evaluation, Distribution of Graduating Class, 1969. The number of students in each of the various placement categories may not equal the total number of high school graduates because information on all placements was not available. Some of the school districts are members of regional high schools so that information on their high school students would be included in the regional high school data. There is, therefore, no information recorded for the following school districts (the name of the regional high school their students attend is in parentheses):

Concord (Concord-Carlisle Regional High School)
Dover (Dover-Sherborn Regional High School)
Hamilton (Hamilton-Wenham Regional High School)
Lincoln (Lincoln-Sudbury Regional High School)
Middleton (Masconomet Regional High School)
Nahant (all Nahant high school students attend high schools in Lynn)
Norfolk (King Philip Regional High School)
Sherborn (Dover-Sherborn Regional High School)
Sudbury (Lincoln-Sudbury Regional High School)
Topsfield (Masconomet Regional High School)
Wenham (Hamilton-Wenham Regional High School)

If there was no information available on high school graduates in a particular district, this is noted by an N.A. in the first column (under the # sign). The information on the 1972 graduates was obtained from the Massachusetts State Department of Education, Division of Research, Planning, and Evaluation, Distribution of High School Graduates, Class of 1972, Fall 1973. The districts which sent their high school students to regional schools in 1968 remained the same and, therefore, no information on 1972 high school graduates for these districts is recorded. In addition to these districts, there will be no information for Pembroke since their high school students now attend Silver Lake Regional High School. The percentages in the 1972 column may not add up to 100% because of rounding.

PAGE 2 - ELIGIBLE TRANSITIONAL BILINGUAL STUDENTS: 1973-74

The number of students eligible for a transitional bilingual program was obtained from the Massachusetts State Department of Education, Bureau of Transitional Bilingual Education, Census of Children of Limited English Speaking Ability on October 1, 1973, under Chapter 71A, Act of 1971. This Census of all public school students is conducted each year in order to determine how many students are of limited English speaking ability as defined in Chapter 71A and, thus, eligible for transitional bilingual classes. The "Percent of Bilingual Enrollment" was calculated by the MPP support research staff by dividing the number of students in each language category, such as "Chinese" or "French" by the "Total" number of eligible bilingual students.

PAGE 3 - PUBLIC SCHOOL STUDENT ENROLLMENTS: 1964 - 1982

Past Enrollments: 1964 - 1972

Projected Enrollments: 1973 - 1982

This information was prepared for the Metropolitan Planning Project by the Organization for Social and Technical Innovation, Inc. (OSTI).

These enrollment projections are based on time-series enrollment data from 1964 through 1972, obtained from the Massachusetts State Department of Education, Division of Research, Planning and Evaluation. The source of the historical enrollment data for the forecast categories "Total K-12", "Total K-6", "Total 7-12", "White K-12" and "Non-white K-12" was the superintendent's report entitled Census Report.

The numbers in parentheses under each forecast category represents the R^2 (coefficient of determination) for that particular projected enrollment series. It is presented to indicate a rough sense of the reliability of each forecast -- R^2 's of .8 or .9 are very reliable, R^2 's of .5, .6, or .7 are good, and R^2 's of .4 or less are unreliable. When the projections for subcategories (for example, "White K-12" and "Non-white K-12" are subcategories of "Total K-12") are totaled, they do not necessarily equal the projected enrollment figures for the total category. This is because each forecast category was projected independently from the others and the projections selected are not necessarily each derived from the same mathematical equation, since the best projection was selected for each forecast category largely independent of the projections selected for other forecast categories.

School districts with no projections presented or particular forecast categories left blank means the projection here was entirely unsuccessful, sometimes for mathematical reasons, sometimes because of missing years of historical data, and sometimes because of almost certain incorrect historical enrollment data.

PAGE 4 - NUMBER OF TEACHERS BY RACE: 1972-73

This information was obtained from the U.S. Department of Health, Education, and Welfare, Office for Civil Rights, Directory of Public Elementary and Secondary

Schools in Selected Districts, Enrollment and Staff by Racial/Ethnic Group, Fall, 1974. Since this information was collected from selected school districts, data was only available for 68 of the 83 Boston metropolitan area districts. MPP support research staff contacted the remaining districts to complete the survey. The following school districts provided this information:

Cohasset
Dover
Dover-Sherborn Regional High School
Experimental School System of the Commonwealth of Massachusetts
Hamilton-Wenham Regional High School
Holbrook
Manchester
Nahant
Topsfield
Wenham

An N.A. indicates that this information was not available for the school district. Spanish Surname teachers were placed in the "Non-white" category.

PAGE 4 - NUMBER OF TEACHERS, TEACHER-AIDES, AND OTHER PROFESSIONAL STAFF: 1973-74

This information was obtained from the U.S. Equal Employment Opportunity Commission, Elementary-Secondary Staff Information (EEO-5), October 1, 1973. Since this information was collected on a selected school district basis, the MPP support research staff surveyed the remaining districts to obtain this information. The following school districts provided this information:

Ashland
Beverly
Braintree
Cohasset
Experimental School System of the Commonwealth of Massachusetts
Framingham
Hamilton-Wenham Regional High School
Manchester
Medfield
Medford
Middleton
Millis
Nahant
Norfolk
Pembroke
Saugus
Sherborn
Sudbury
Topsfield
Walpole

The "Other Professional Staff" category include the following staff positions: Officials, Administrators, Managers, Principals, Assistant Principals, Guidance Personnel, Psychologists, Librarians, Supervisors of Instruction, and all other professional staff. An N.A. indicates that this information was not available for the school district.

PAGE 5 - SELECTED FINANCIAL CHARACTERISTICS

The information on "% Municipal Tax Dollar Spent on Education" was obtained from the Commonwealth of Massachusetts, Annual Report of the Department of Education for the Year Ending June 30, 1968; Annual Report ... June 30, 1971; Annual Report ... June 30, 1973.

The "% Municipal Tax Dollar Spent on Education" was calculated by the MPP support research staff by dividing the school tax rate by the general tax rate. For example, if the school tax rate in a town was \$24 and the total tax rate was \$48, the "% Municipal Tax Dollar Spent on Education" would be 50% (24/48).

The information on "Comprehensive Per Pupil Expenditure" was obtained from the Massachusetts State Department of Education, Division of Research, Planning, and Evaluation, Per Pupil Expenditures 1967-68; Per Pupil ... 1970-71; Per Pupil ... 1972-73. This per pupil expenditure is the integrated per pupil cost for the Regular Day, Vocational Day, and Special Education Programs and pro-rated Regional School Expenditures divided by the average membership of students in those programs.

The information on "Public School Attending Children Transported at Public Expense" was obtained from the Commonwealth of Massachusetts, Annual Report of the Department of Education for the Year Ending June 30, 1968; Annual Report ... June 30, 1971; Annual Report ... June 30, 1973. Discrepancies may appear in this table because the data received was unaudited.

The information on "Computative Equalized Property Valuation per School Attending Child" was obtained from the Massachusetts State Department of Education, Division of Research, Planning, and Evaluation, School Aid to Massachusetts Cities and Towns, (Chapter 70 Amended), 1967-68; School Aid ... 1970-71; School Aid ... 1972-73. Computative equalized property valuation for any one year is equal to the equalized property valuation the previous calendar year divided by the number of school attending children for that school year. For example, the computative equalized valuation for 1967-68 is derived by dividing the equalized property valuation for 1966 by the number of school attending children for 1967-68.

PAGE 5 - TAX RATE

This information was obtained from the Massachusetts Teachers Association, Background Data for Massachusetts School Districts 1973, Research Bulletin 734-9, 1973. The official tax rate is equal to a city or town's budget needs divided by the assessed value (tax rate=budget needs/assessed value). The equalized

tax rate is equal to the town's budget needs divided by the true market value of property in a city or town, as determined by the Massachusetts Department of Corporations and Taxation (equalized tax rate=budget needs/full market value). The tax rate indicates the number of dollars per \$1,000 of assessed valuation a person or corporation would be taxed on property owned.

PAGE 5 - SCHOOL TAX RATE

This information was obtained from the Massachusetts Teachers Association, Background Data for Massachusetts School Districts 1973, Research Bulletin 734-9, 1973. The official school tax rate is equal to a city or town's school budget needs divided by the assessed value (school tax rate=school budget needs/assessed value). The equalized school tax rate is equal to the town's school budget needs divided by the true market value of property in a city or town, as determined by the Massachusetts Department of Corporations and Taxation (equalized school tax rate=school budget needs/full market value). The school tax rate indicates the number of dollars per \$1,000 of assessed valuation a person or corporation would be taxed on property owned.

PAGE 5 - 1973 MOODY'S BOND RATING

This information was obtained from Moody's Investor Service, Moody's Bond Record, December 1973. The bonds were rated by Moody's Investor Service in the following order, with the first rating assigned to the bonds judged to be of highest quality and the last rating assigned to bonds judged to be of lowest quality:

Aaa	Baa	Caa
Aa	Ba	Ca
A	B	C

The bonds in the A and Baa groups which Moody's determined had the strongest investment attributes were designated by the symbols A-1 and Baa-1.

PAGE 5 - PUBLIC SCHOOL STUDENTS
Receiving Subsidized Lunches: 1973-74

This information was obtained from the Massachusetts State Department of Education, Bureau of Nutrition Education and School Food Services Education, "Average Number of Lunches Served to Needy". The figures in this table was calculated by taking the number of needy students served lunches in a school during the month of January, 1974 and dividing this number of the number of days schools were opened that month. The average number of lunches served per day in each school were totalled by the MPP support research staff to develop the school district totals.

The "% of Total Enrollment" was calculated by dividing the number of lunch program students by the 1973-74 total school district enrollments obtained from the Massachusetts State Department of Education, Division of Research, Planning and Evaluation, Enrollment by Classification, Exhibit II, 1973-74.

PAGE 5 - STUDENTS ENROLLED IN METCO

The information on the number of METCO (Metropolitan Council for Educational Opportunities, Inc.) students during the 1967-68 school year was obtained from the Massachusetts State Department of Education, Bureau of Equal Educational Opportunity, "Recommendations for Funding of Plans Submitted Under Chapter 506 of the Acts of 1966," 1968. The 1970-71 information was obtained from the Massachusetts State Department of Education, Bureau of Equal Educational Opportunity, "Fiscal Report, METCO 1970-71 Program". The 1972-73 information was obtained from the Massachusetts State Department of Education, Bureau of Equal Educational Opportunity, "Memorandum to Rae Cecilia Kipp [Chairman, State Board of Education] from Charles L. Glenn and Cecilia M. DiBella, August 22, 1972. Subject: METCO Program for 1972-73." The information for the 1973-74 school year was obtained from the METCO files "Unpublished Student Enrollment Records", August, 1974. This information was obtained on a school by school basis; the schools figures were totalled by the MPP support research staff to develop the school district totals.

The "% of Total Enrollment" for the 1967-68; 1970-71; and 1972-73 school years were calculated by dividing the number of METCO students by the total number of students for that particular year. The total number of students for those school years were obtained from the Massachusetts State Department of Education, Division of Research, Planning, and Evaluation, Racial Census, October, 1967; Racial ... 1970; Racial ... 1973. The "% of Total Enrollment" for the 1973-74 school year was calculated by dividing the "# METCO Students" by the 1973-74 district enrollments obtained from the Massachusetts Department of Education, Division of Research, Planning and Evaluation, Enrollment by Classification, Exhibit II, 1973-74. METCO is a state funded interdistrict transfer program which transports children from Boston to suburban school districts.

PAGE 6 - PERCENT DISTRIBUTION OF SCHOOL REVENUES: 1967-68; 1970-71; 1972-73

This information was obtained from the Commonwealth of Massachusetts, Annual Report of the Department of Education for the Year Ending June 30, 1968; Annual Report ... June 30, 1971; Annual Report ... June 30, 1973. The percentages were calculated by the MPP support research staff. The percentages may not add up to 100 percent because of rounding.

PAGE 6 - ABSOLUTE DOLLAR AND PERCENT CHANGES IN REVENUES: 1967-72

These figures were calculated from the previous table. The dollar (\$) "Changes in Public School Funds Provided 1967-72" were calculated by subtracting the 1972-73 dollar amounts for "Total Funds Provided", "Local Sources", and remaining categories from the 1967-68 dollar amounts. For example, if the total public school funds provided in 1972-73 were \$100,000 and the funds provided in 1967-68 were \$50,000, the absolute dollar change in revenues would be \$50,000 (\$100,000-\$50,000). The percent changes in revenues was calculated by dividing the difference

between the 1972-73 and 1967-68 funds provided by the 1967-68 amount. For example, if the 1972-73 total funds provided were \$100,000 and the 1967-68 funds provided were \$50,000, the percent "Change in Funds Provided" would be equal to $(\$100,000 - \$50,000) / \$50,000 = \$50,000 / \$50,000 = +100\%$. If there were no funds provided during 1967-68 for any of the categories, the percent change in revenues is mathematically undefined. This is noted by the word Undefined.

PAGE 6 - PERCENT CHANGE IN PROPORTIONAL DISTRIBUTION OF REVENUES: 1967-72

These figures were calculated from the first table on page 6. The "Percent Change in Proportional Distribution of Revenues" was derived as follows:

The percent of revenues from "Local Sources", "Commonwealth Sources", and remaining categories for the 1967-68 school year was subtracted from the 1972-73 school year figures then this difference was divided by the percent "Local Sources", "Commonwealth Sources", and remaining categories for the 1967-68 school year.

For example, if the percent of revenues from local sources in 1967-68 were 50% and the percent of revenues from local sources in 1972-73 were 75%, the "Percent Change in Proportional Distribution of Revenues: 1967-72" would equal $(75-50)/50 = 25/50 = +50\%$. If there is a percent change from 0 to any number, the "Percent Change in Proportional Distribution" is mathematically undefined. This is noted by the word Undefined.

PAGE 7 - PERCENT DISTRIBUTION OF SCHOOL EXPENDITURES: 1967-68; 1970-71; 1972-73

This information was obtained from the Commonwealth of Massachusetts, Annual Report of the Department of Education for the Year Ending June 30, 1968; Annual Report ... June 30, 1971; Annual Report ... June 30, 1973. The percentages were calculated by the MPP support research staff. The percentages may not add up to 100 percent because of rounding.

PAGE 7 - ABSOLUTE DOLLAR AND PERCENT CHANGES IN EXPENDITURES: 1967-72

These figures were calculated from the previous table. The dollar (\$) "Changes in Public School Funds Expended 1967-72" were calculated by subtracting the 1972-73 dollar amounts for "Total Public School Funds Applied", "Administration", and remaining categories from the 1967-68 dollar amounts. For example, if the "Total Public School Funds Applied" in 1972-73 were \$100,000 and the funds applied in 1967-68 were \$50,000, the absolute dollar change in expenditures would be \$50,000 $(\$100,000 - \$50,000)$. The percent changes in expenditures was calculated by dividing the difference between the 1972-73 and 1967-68 funds expended by the 1967-68 amount. For example, if the 1972-73 total funds expended were \$100,000 and the 1967-68 funds expended were \$50,000, the percent "Changes in Public School Funds Expended" would be equal to $(\$100,000 - \$50,000) / \$50,000 = \$50,000 / \$50,000 = +100\%$. If there were no funds provided during 1967-68 for any of the categories, the percent change in expenditures is mathematically undefined. This is noted by the word Undefined.

PAGE 7 - PERCENT CHANGE IN PROPORTIONAL DISTRIBUTION OF EXPENDITURES: 1967-72

These figures were calculated from the first table on page 7. The "Percent Change in Proportional Distribution of Expenditures" was derived as follows:

The percent of expenditures from "Administration", "Instruction", and remaining categories for the 1967-68 school year was subtracted from the 1972-73 school year figures. Then this difference was divided by the percent "Administration", "Instruction", and remaining categories for the 1967-68 school year.

For example, if the percent of expenditures for "Administration" in 1967-68 were 50% and the percent of expenditures for "Administration" in 1972-73 were 75%, the "Percent Change in Proportional Distribution of Expenditures: 1967-72" would equal $(75-50)/50 = 25/50 = +50\%$. If there is a percent change from 0 to any number, the "Percent Change in Proportional Distribution of Expenditures" is mathematically undefined. This is noted by the word Undefined.

PAGE 8 - 1970 CENSUS: COUNT OF PERSONS 25 YEARS OF AGE AND OVER BY RACE AND YEARS OF SCHOOL COMPLETED.

This information was obtained from the U.S. Department of Commerce, Bureau of the Census, 1970 Census of Population and Housing, Fourth Count Population Summary Tapes for Massachusetts, Table 42, "Population 25 Years Old and Over by Years of School Completed and Sex". This information was based on a 20% sample survey. The "Spanish-American" category includes people who are both "White" and "Black" according to the Census definition so that the total of the "White", "Black" and "Spanish-American" columns will never equal the "Total Population" column. The "White" and "Black" figures may not equal the "Total Population" column because they do not include people of other racial backgrounds such as Asian-American and Native-American.

PAGE 8 - MEDIAN SCHOOL YEARS COMPLETED

This information was calculated from the previous table, "1970 Census: Count of Persons 25 Years of Age and Over by Years of School Completed". This calculation was performed by the Massachusetts Institute of Technology (M.I.T.) Information Processing Center.

DEMOGRAPHIC CHARACTERISTICS

PAGE 9 - CENSUS POPULATION BY RACE AND SPANISH LANGUAGE: 1960; 1970

The information on the 1960 population was obtained from the U.S. Department of Commerce, Bureau of the Census, 1960 Census of Population, Volume I, Characteristics of the Population, Part 23, Massachusetts, Tables 21, 25. This monograph

is available at libraries and governmental agencies. The "Asian-American" category includes only Chinese, Japanese, and Filipino. The percentages may not add up to 100 percent because of rounding.

The 1970 population figures were obtained from the U.S. Department of Commerce, Bureau of the Census, 1970 Census of Population, General Social and Economic Characteristics, Massachusetts, PC (1) - C23, Tables 81, 102 and 1970 Census of Population, General Population Characteristics, Massachusetts, PC (1) - B23, Tables 23, 27, 31. The "Asian-American" category includes only Chinese, Japanese and Filipino. The "Other" category includes Hawaiians, Koreans, Aleuts, Eskimos, Malaysians, and Polynesians. The "Spanish Language" data was obtained from the 1970 U.S. Census "Persons of Spanish Language" category. Persons of "Spanish Language" were not considered a distinct racial group by the U.S. Bureau of the Census and were, therefore, not distributed in the "White" or "Non-white" categories. An N.A. indicates that this information was not available for the school district. The percentages may not add up to 100 percent because of rounding.

The "1960-1970 Increase (+) Decrease (-)" figures were calculated by the MPP support research staff from the data in the first two rows of this table. The increase or decrease in the number (#) columns were derived by subtracting the 1970 population figures from the 1960 figures.

The increase or decrease in the percent (%) column were calculated by dividing the difference between the 1970 and 1960 population figures by the 1960 figures.

The "% Change in Proportional Distribution" was calculated as follows:
The "% White", "% Non-white" and percentages for the other columns for 1970 were subtracted from the 1960 percentages. This difference was divided by the 1960 percentages and this is the figure that was recorded.

PAGE 9 - CENSUS POPULATION INCREASE OR DECREASE: 1960-1970

This information was obtained from the Massachusetts Department of Commerce and Development, Massachusetts Population 1970-1965-1960 and Population Movements in Massachusetts 1960-1970.

PAGE 9 - CENSUS: FERTILITY RATIO BY RACE

This information was obtained from the U.S. Department of Commerce, Bureau of the Census, 1970 Census of Population and Housing, Fourth Count Population Summary Tapes for Massachusetts, Table 44, "Females 15-44 Years Old by Marital Status, Number of Children and Age". This ratio tells how many children, on the average, a woman between the ages of 15 and 44 had in 1970. For example, a fertility ratio of 1.35:1 indicates that for that city or town (and for that racial grouping) the average number of children a woman between 15 and 44 would have would be 1.35. An N.A. indicates that this information was not available for the school district.

PAGE 10 - 1970 CENSUS:
Household Population by Race

The information on "Total Population" was obtained from the U.S. Department of Commerce, Bureau of the Census, 1970 Census of Population and Housing, Second Count Summary Tapes for Massachusetts, Table 1, "Race and Sex". The information on "Population in Households" was obtained from the U.S. Department of Commerce, Bureau of the Census, 1970 Census of Population and Housing, Second Count Summary Tapes for Massachusetts, Table 3, "Household Population by Age, Race and Sex". An N.A. indicates that this information was not available for the school district. The U.S. Bureau of the Census defines people who live in households as those people who occupy a group of rooms or a single room which constitutes a housing unit. All living arrangements other than households are classified as group quarters. Persons living in group quarters include, for example, those who are inmates of institutions and those living in rooming and boarding houses, communes or military barracks.

PAGE 10 - 1970 CENSUS:
Number of Families by Sex of Family Head

The information on the number of families headed by females was obtained from the U.S. Department of Commerce, Bureau of the Census, 1970 Census of Population and Housing, Fourth Count Population Summary Tapes for Massachusetts, Table 75 "Family Income". The number of families headed by males was calculated by the MPP support research staff by subtracting the number of female headed families from the total number of families. This information was based on a 20 percent sample survey. The U.S. Bureau of the Census defines a family as a household head and one or more other persons living in the same household who are related to the head by blood, marriage, or adoption. The "White" and "Black" figures may not equal the "Total Population" because they do not include people of other racial backgrounds such as Asian-American and Native-American.

PAGE 10 - 1970 CENSUS: AGE DISTRIBUTION BY RACE

This information was obtained from the U.S. Department of Commerce, Bureau of the Census, 1970 Census of Population and Housing, Second Count Summary Tapes for Massachusetts, Table 2, "Single Years of Age, Race, and Sex". The percentages were calculated by the MPP support research staff. The percentages may not add up to 100 percent because of rounding. An N.A. indicates that this information was not available for the school district.

PAGE 11 - 1970 CENSUS: NATIVITY AND PARENTAGE

This information was obtained from the U.S. Department of Commerce, Bureau of the Census, 1970 Census of Population and Housing, Fourth Count Population Summary Tapes for Massachusetts, Table 21, "Nativity and Parentage". This information was based on a 15 percent sample survey. A "Native of Native Parent"

is a person born in the United States, the Commonwealth of Puerto Rico or an outlying area of the United States whose parents were also born in the United States. "Foreign Stock" includes U.S. citizens who were foreign born as well as those people who were born in the U.S. but had one or more foreign born parents ("Foreign or Mixed Parentage"). The "Spanish-American" category includes people who are both "White" and "Black" according to the Census definition so that the total of the "White", "Black" and "Spanish-American" columns will never equal the "Total Population" column.

PAGE 11 - 1970 CENSUS: MOST FREQUENT COUNTRY
of Origin of Foreign Stock

This information was obtained from the U.S. Department of Commerce, Bureau of the Census, 1970 Census of Population and Housing, Fourth Count Population Summary Tapes for Massachusetts, Table 22, "Country of Origin and Nativity". This information was based on a 15 percent sample survey. This table indicates the country of origin of the foreign stock population (foreign born and native of foreign or mixed parentage) in a city or town, with the information presented separately for foreign born and native of mixed parentage. These figures were totalled by the MPP support research staff to arrive at the number of persons recorded for each of the countries listed in this table. The countries listed are those which have the largest number of former citizens presently U.S. citizens residing in this community. The percent foreign stock population was calculated by dividing the number of foreign stock citizens from a particular country by the total number of foreign stock residents in that city or town. The total number of foreign stock residents was obtained from the previous table, "1970 Census: Nativity and Parentage".

PAGE 11 - 1970 CENSUS: SPANISH POPULATION INDICATORS

This information was obtained from the U.S. Department of Commerce, Bureau of the Census, 1970 Census of Population and Housing, Fourth Count Population Summary Tapes for Massachusetts, Table 24, "Spanish Indicators". The information on persons of "Spanish Origin or Descent" was derived from the question of whether a person's origin or descent was Mexican, Puerto Rican, Cuban, Central or South American, or other Spanish. The information on persons of "Puerto Rican Birth or Parentage" includes persons born in Puerto Rico and persons born in the United States or an outlying area with one or more parents born in Puerto Rico. Persons of "Spanish Language" comprise persons of Spanish mother tongue and all other persons in families in which the head or wife reported Spanish as his or her mother tongue. Since a person of "Spanish Origin or Descent" may appear in two or more of these Spanish population indicators, these figures were not totalled to arrive at a total number of Spanish population residents in a city or town.

PAGE 11 - 1970 CENSUS: MOST FREQUENT MOTHER TONGUES
Other Than English

This information was obtained from the U.S. Department of Commerce, Bureau of the Census, 1970 Census of Population and Housing, Fourth Count Population Summary Tapes for Massachusetts, Table 23, "Mother Tongue and Nativity". This information was based on a 15 percent sample survey of which language was spoken in a person's home when he or she was a child. Since English is the most frequent mother tongue, information is only displayed for mother tongues other than English. This information is presented separately for foreign born and natives and these figures were totalled by the MPP support research staff to arrive at the figures presented in this table.

ECONOMIC CHARACTERISTICS

PAGE 12 - 1970 CENSUS: NUMBER OF EMPLOYED PERSONS 16 YEARS OLD AND OVER
BY OCCUPATION

This information was obtained from the U.S. Department of Commerce, Bureau of the Census, 1970 Census of Population and Housing, Fourth Count Population Summary Tapes for Massachusetts, Table 58, "Employed Population 16 Years Old and Over by Occupation". This information was based on a 20 percent sample survey. Each of the occupation categories shown on this table such as "Professional, Technical, and Kindred Workers" have been broken down into subcategories and the same information in this table is available for each of these subcategories. An N.A. indicates that this information was not available for the school district. The percentages may not add up to 100 percent because of rounding. The "White" and "Black" figures may not equal the "Total Persons Employed" because they do not include people of other racial backgrounds such as Asian-American and Native-American. The "Spanish-American" category includes people who are both "White" and "Black" according to the Census definition so that the total of the "White", "Black" and "Spanish-American" columns will never equal the "Total Persons Employed" column.

PAGE 13 - MEDIAN INCOME: 1960 CENSUS; 1970 CENSUS

The information on 1960 Median Income was obtained from the U.S. Department of Commerce, Bureau of the Census, 1960 Census of Population, Volume I, Characteristics of the Population, Part 23 Massachusetts, Tables 33, 34, 76.

The information on the 1970 Median Income was obtained from the U.S. Department of Commerce, Bureau of the Census, 1970 Census of Population and Housing, Fourth Count Population Summary Tapes for Massachusetts, Table 75, "Family Income", and Table 76, "Income of Unrelated Individuals". This information was based on a 20 percent sample survey.

The definition of poverty level income originated with the U.S. Social Security Administration in 1964 and was subsequently modified by a Federal Interagency Committee. This index provides a range of poverty income cutoffs adjusted by such factors as family size, family head, number of children under 18 years old, and farm and nonfarm residence, needed in order to maintain a nutritionally adequate food plan designed by the Department of Agriculture. In 1969, the poverty thresholds ranged from \$1,847 for a female unrelated individual 65 years old and over living on a farm to \$6,116 for a nonfarm family with a male head and with seven or more persons. The average poverty threshold for a nonfarm family of four headed by a male was \$3,745. An N.A. indicates that this information was not available for the school district. The percentages may not add up to 100 percent because of rounding. The "White" and "Black" figures may not equal the "Total Population" because they do not include people of other racial backgrounds such as Asian-American and Native-American. The "Spanish-American" category includes people who are both "White" and "Black" according to the Census definition so that the total of the "White", "Black", and "Spanish-American" columns will never equal the "Total Population" column.

PAGE 14 -

1970 CENSUS:

Number of Related Children Under 18 in Families Below Poverty Level by Presence of Parents

This information was obtained from the 1970 U.S. Department of Commerce, Bureau of the Census, 1970 Census of Population and Housing, Fourth Count Population Summary Tapes for Massachusetts, Table 92, "Related Children Under 18 Years Old in Families Below Poverty Level by Presence of Parents". This information was based on a 20 percent sample survey. The percentages were calculated by the MPP support research staff by dividing the number of children under 18 living in families below poverty level by the total number of children under 18 in that city or town. An N.A. indicates that this information was not available for the school district. The "White" and "Black" figures may not equal the "Total Population" because they do not include people of other racial backgrounds such as Asian-American and Native-American. The "Spanish-American" category includes people who are both "White" and "Black" according to the Census definition so that the total of the "White", "Black" and "Spanish-American" columns will never equal the "Total Population" column.

PAGE 15 - CHARACTERISTICS OF INDUSTRIAL FIRMS: 1967

This information was obtained from the Commonwealth of Massachusetts, Division of Employment Security, "Massachusetts Employment and Wages 1967 by Area (City and Town) by Industry, 3 digit," unpublished computer printouts. This information is on industrial establishments subject to the Massachusetts Employment Security Law, Chapter 151A of the General Laws, and generally excludes employment in nonprofit institutions organized for religious, charitable, educational,

or scientific purposes; in domestic service; self employment and unpaid family service; and in governments. A definition of each major industry, such as "Agriculture and Mining", presented in this table, can be found in the following publication: The Commonwealth of Massachusetts, Division of Employment Security, Massachusetts Cities and Towns, Employment and Wages in Establishments Subject to the Massachusetts Employment Security Law by Major Industry Divisions 1967-1971, March, 1973.

PAGE 16 - CHARACTERISTICS OF INDUSTRIAL FIRMS: 1972

This information was obtained from the Commonwealth of Massachusetts, Division of Employment Security, "Massachusetts Employment and Wages 1972 by Area (City and Town) by Industry, 3 digit", unpublished computer printouts. This information is on industrial establishments subject to the Massachusetts Employment Security Law, Chapter 151A of the General Laws, and generally excludes employment in nonprofit institutions organized for religious, charitable, educational, or scientific purposes; in domestic service; self employment and unpaid family service; and in governments. A definition of each major industry, such as "Agriculture and Mining", presented in this table, can be found in the following publication: The Commonwealth of Massachusetts, Division of Employment Security, Massachusetts Cities and Towns, Employment and Wages in Establishments Subject to the Massachusetts Employment Security Law by Major Industry Divisions 1967-1971, March, 1973.

LAND USE CHARACTERISTICS

PAGE 17 - LAND USE PATTERNS IN (CITY OR TOWN NAME)

The percentages measured on this pie chart were calculated from land use pattern information obtained from the Metropolitan Area Planning Council, Preliminary Single Purpose Plan Report, Land Use Numbers, Study Element Number 3.05 of the Southeastern New England Study, October 1973 (compiled for the New England River Basin Study). This report contained information on the number of acres in a city or town utilized for "Residential", "Commercial" and the other remaining categories. The MPP support research staff calculated the percentages that were used to develop the pie chart displayed in this table.

HOUSING CHARACTERISTICS

PAGE 18 - 1970 CENSUS: SELECTED HOUSING CHARACTERISTICS

This information was obtained from the U.S. Department of Commerce, Bureau of the

Census, 1970 Census of Population and Housing, 1970 Census of Housing, General Housing Characteristics, Massachusetts HC (1)-A23, Tables 1, 8, 18, 23, 24.

The median value of owner occupied units does not include those that are in multi-unit structures, trailers, rural units on farms or places of ten or more acres, or on properties any part of which is used as a business.

The U.S. Bureau of the Census defines a housing unit as a house, an apartment, a group of rooms, or a single room occupied or intended for occupancy as separate living quarters. A housing unit was considered vacant if no one was living in it at the time the Census was taken unless its occupants were only temporarily absent. Median value was the owner's estimate of how much the property (house and lot) would sell for, if it were for sale. Median contract rent is the monthly rent agreed to, or contracted for, regardless of any furnishings, utilities, or services that may be included.

PAGE 18 - 1970 CENSUS: NUMBER OF HOUSING UNITS
 by Occupancy Status and Race of Head of Household

This information was obtained from the U.S. Department of Commerce, Bureau of the Census, 1970 Census of Population and Housing, Fourth Count Housing Summary Tapes for Massachusetts, Table 26, "Occupancy/Vacancy Status". The total number of housing units in this table may be slightly lower than the total in the previous table because it does not include vacant migratory and seasonal units. The percentages may not add up to 100 percent because of rounding. An N.A. indicates that this information was not available for the school district. The "White" and "Black" figures may not equal the "Total" column because they do not include people of other racial backgrounds such as Asian-American and Native-American. This information was based on a 20% sample survey.

PAGE 18 - BUILDING PERMITS ISSUED FOR NEW
 Dwelling Units: 1960-71

This information was obtained from the Massachusetts Department of Commerce and Development, City and Town Monograph. This is a separate monograph for each city and town in the Commonwealth of Massachusetts. These monographs, which contain other information on a city or town, are free to the public upon request.

PAGE 19 - NUMBER OF SUBSIDIZED HOUSING UNITS BY TYPE OF CONSTRUCTION
 STATUS: 1973

This information was obtained from the Metropolitan Area Planning Council, (MAPC) Subsidized Housing in the Boston Region as of December 31, 1973, and is available to the public upon request. The MAPC is the regional planning agency for the Boston metropolitan area; it studies the demographic, socio-economic, land use, and housing characteristics of the cities and towns in the Boston metropolitan area. MHFA refers to the Massachusetts Housing Finance Agency.

PAGE 19 - 1970 CENSUS: AGE OF HOUSING UNITS

This information was obtained from the U.S. Department of Commerce, Bureau of the Census, 1970 Census of Population and Housing, Fourth Count Housing Summary Tapes for Massachusetts, Table 8, "Year Structure Built, Tenure, and Race of Head". This information was based on a 20 percent sample survey. Since this information is based on a sample survey, the total number of housing units may not equal the total number of units recorded on other "Housing Characteristic" tables. The number of "Other Occupied Housing Units" was calculated by the MPP support research staff by subtracting the "Black Occupied Housing Units" column from the "Total Housing Units" column. The "Other Occupied Housing Units" are occupied primarily by whites but may also be occupied by Asian-American, Native-American and other racial and ethnic group members. The percentages may not add up to 100 percent because of rounding. An N.A. indicates that this information was not available for the school district. The "Spanish-American" category includes people who are both "White", and "Black" according to the Census definition so that the total of the "White" "Black" and "Spanish-American" columns will never equal the "Total Housing Units" column.

PAGE 20 - 1970 CENSUS: NUMBER OF PERSONS PER ROOM IN OCCUPIED HOUSING UNITS
By Race of Head of Household

This information was obtained from the U.S. Department of Commerce, Bureau of the Census, 1970 Census of Population and Housing, First Count Summary Tapes for Massachusetts, Table 30, "Persons per Room, Tenure and Race of Head". The number of "Other Occupied Housing Units" was calculated by the MPP support research staff by subtracting the "Black Occupied Housing Units" column from the "Total Occupied Units" column. An N.A. indicates that this information was not available for the school district. The percentages may not add up to 100 percent because of rounding.

PAGE 20 - 1970 CENSUS: TYPE OF HOUSING STRUCTURE

This information was obtained from the U.S. Department of Commerce, Bureau of the Census, 1970 Census of Population and Housing, Fourth Count Housing Summary Tapes for Massachusetts, Table 9, "Units in Structure, Tenure, and Race, of Head". This information was based on a 20 percent sample survey. Since this information is based on a sample survey, the total number of housing units may not equal the total number of units recorded on other "Housing Characteristic" tables. This information is also available for Black and Spanish-American occupied units, both owner occupied and renter occupied. An N.A. indicates that this information was not available for the school district. The percentages may not add up to 100 percent because of rounding.

PAGE 20 - 1970 CENSUS:
Average Number of
Persons per Housing Unit

This information was obtained from the U.S. Department of Commerce, Bureau of the Census, 1970 Census of Population and Housing, Fourth Count Housing Summary Tapes for Massachusetts, Table 37, "Number of Persons in Unit, Tenure, and Race of Head". This information was based on a 20 percent sample survey. This information was calculated by the MPP support research staff by dividing the number of persons in housing units by the total number of housing units. The number of "Other Occupied Housing Units" was calculated by the MPP support research staff by subtracting the "Black Occupied Housing Units" column from the "Total Occupied Housing Units" column.

PAGE 21 - 1970 CENSUS: VALUE OF OWNER OCCUPIED HOUSING UNITS BY RACE OF
HEAD OF HOUSEHOLD

This information was obtained from the U.S. Department of Commerce, Bureau of the Census, 1970 Census of Population and Housing, Fourth Count Housing Summary Tapes for Massachusetts, Table 52, "Value, Occupancy Status, and Race of Head". This information was based on a 20 percent sample survey. The value of an owner occupied unit was the owner's estimate of how much the property (house and lot) would sell for, if it were for sale. The number of "Other Owner Occupied Units" was calculated by the MPP support research staff by subtracting the "Black Owner Occupied Units" column from the "Total Owner Occupied Units" column. The percentages may not add up to 100 percent because of rounding. An N.A. indicates that this information was not available for the school district. The "Spanish-American" category includes people who are both "White" and "Black" according to the Census definition so that the total of the "White", "Black" and "Spanish-American" column will never equal the "Total Owner Occupied Units" column.

PAGE 22 - 1970 CENSUS: MONTHLY GROSS RENT BY RACE OF HEAD OF HOUSEHOLD

This information was obtained from the U.S. Department of Commerce, Bureau of the Census, 1970 Census of Population and Housing, Fourth Count Housing Summary Tapes for Massachusetts, Table 19, "Gross Rent and Race of Head". This information was based on a 20 percent sample survey. "Monthly Gross Rent" is the monthly rent agreed to, or contracted for, regardless of any furnishings, utilities, or services that may be included plus the estimated average monthly cost of utilities and fuels, if these items are paid for by the renter in addition to rent. The number of "Other Renter Occupied Units" was calculated by the MPP support research staff by subtracting the "Black Renter Occupied Units" column from the "Total Renter Occupied Units" column. An N.A. indicates that this information was not available for the school district. The percentages may not add up to 100 percent because of rounding. The "Spanish-American" category includes people who are both "White" and "Black" according to the Census definition so that the total of the "White", "Black" and "Spanish-American" columns will never equal the "Total Renter Occupied Units" column.

NOTES AND SOURCES FOR THE INDIVIDUAL SCHOOL PROFILES

PAGE 1 - SCHOOL DISTRICT #, SCHOOL

The school district and school number (#) which appear on the upper right hand box are code numbers which are used by the Massachusetts State Department of Education. These code numbers were obtained from the Massachusetts State Department of Education, Bureau of Educational Information Services, Massachusetts School Directory 1973-74.

PAGE 1 - 1973-74 SCHOOL DISTRICT; SCHOOL NAME; NO. & STREET; City, State, Zip; Grade Organization

This information was obtained from the Massachusetts State Department of Education, Bureau of Educational Information Services, Massachusetts School Directory 1973-74.

PAGE 1 - FACILITIES

The information on a school's date of initial construction, date(s) of additions or changes, number of rooms for instructional use, and total number of rooms were obtained from the Massachusetts State Department of Education, Division of Research, Planning, and Evaluation, School Building Inventory, Fall, 1973. There were fifty-eight types of school rooms listed on this form. Forty-two of these rooms were placed by the MPP support research staff in the "Instructional Use" category. These rooms are:

1. Art (General)
2. Arts and Crafts
3. Auditorium
4. Automotive
5. Bandroom
6. Biology Laboratory
7. Bookkeeping
8. Chemistry Laboratory
9. Child Care Center
10. Chorus Room
11. Classroom Regular, (Regular, Interchangeable)
12. Classroom (Seminar Room)
13. Corrective Room (Athletics)
14. Earth Science Laboratory
15. Field House
16. General Science Laboratory
17. Graphic Arts
18. Gymnasium
19. Home Economics (Food)

20. Home Economics (General)
21. Home Economics (Multi-purpose Living Center)
22. Ice Skating Rink
23. Instructional Media Center
24. Language Arts Laboratory
25. Library
26. Mathematics Laboratory
27. Mechanical Drawing
28. Metal Shop
29. Music Room (General)
30. Office Machines
31. Office Practice
32. Physics Laboratory
33. Power Mechanics Shop
34. Sewing Room
35. Shop (General)
36. Social Studies Laboratory
37. Special Education Remedial Rooms
38. Stenography Room
39. Swimming Pool
40. Television Room
41. Typing Room
42. Wood Shop

The remaining sixteen were placed in the "Other Uses" category.
They are:

1. Administrative Office
2. Audio-Visual Workroom
3. Cafeteria
4. Data Processing
5. Guidance Office
6. Health Suite
7. Kitchen
8. Lavatories (Boys')
9. Lavatories (Girls')
10. Shower and Locker Rooms
11. Storage (Books)
12. Storage (Custodial Supplies)
13. Storage (General Instructional Supplies)
14. Student Activity Room
15. Teachers' Lounge
16. Teachers' Workroom

An N.A. indicates that this information was not available for the school.

PAGE 1 - 1973-74 FEDERAL PROGRAMS

The information on "Title I" programs in a school ("Type of Program", "# of Students") was obtained from the Massachusetts State Department of Education, Division of Curriculum and Instruction, Bureau of Curriculum Services, Title I ESEA, "Unpublished Title I Program Documents, 1973-74." The "% School Enrollment" was calculated by the MPP support research staff by dividing the number of students in Title I programs by the total number of students in the school during the 1973-74 school year. The total number of students was obtained from the Massachusetts State Department of Education, Division of Research, Planning, and Evaluation, Enrollment by Classification, Exhibit II, 1973-74. This is the same total that appears in the "Student Ethnic Census: 1973-74" table on page 2. The Title I program is funded by the U.S. Office of Education and was legislated by the U.S. Congress as part of the 1965 Elementary and Secondary Education Act (ESEA). The Title I program provides assistance for "educationally deprived and neglected and delinquent children".

The information on students in the "Lunch Program" ("# Students, Free"; "# Students, Reduced Price") was obtained from the Massachusetts State Department of Education, Bureau of Nutrition Education and School Food Services Education, "Average Number of Lunches Served to Needy". The figures in this table were calculated by taking the number of needy students served lunches in a school during the month of January, 1974 and dividing this number by the number of days schools were opened that month. The "% School Enrollment" was calculated by the MPP support research staff, 1973-74, by dividing the number of "Lunch Program" students by the 1973-74 school enrollment obtained from the Massachusetts State Department of Education, Division of Research, Planning and Evaluation, Enrollment by Classification, Exhibit II, 1973-74.

The information on students eligible for the "Bilingual Program" was obtained from the Massachusetts State Department of Education, Bureau of Transitional Bilingual Education, Census of Children of Limited English Speaking Ability on October 1, 1973, under Chapter 71A, Act of 1971. This Census of all public school students is conducted each year in order to determine how many students are of limited English speaking ability as defined in Chapter 71A and, thus, eligible for transitional bilingual classes. The "% School Enrollment" was calculated by the MPP support research staff by dividing the number of eligible bilingual students by the 1973-74 school enrollment obtained from the Massachusetts State Department of Education, Division of Research, Planning, and Evaluation, Enrollment by Classification, Exhibit II, 1973-74.

The information on the number of METCO (Metropolitan Council for Educational Opportunities, Inc.) students was obtained from the METCO files, "Unpublished Student Enrollment Records", August, 1974. METCO is a state funded interdistrict transfer program which transports children from Boston to suburban school districts. The "% School Enrollment" was calculated by the MPP support research staff by dividing the number of METCO students by the 1973-74 school enrollment obtained from the Massachusetts State Department of Education, Division of Research, Planning, and Evaluation, Enrollment by Classification, Exhibit II, 1973-74.

This information was obtained from the Massachusetts State Department of Education, Division of Research, Planning, and Evaluation, 1973-74 Professional Staff Survey. The figures in this table are not always an accurate total of the number of professional staff employed in a school because some staff members may not have filled in a survey. In addition, some staff members may have completed one section of the survey but not another section. As a result, the totals under the "Age", "Years in Present System", and "Position" columns may not be the same. The total number (#) of professional staff recorded in the "Census" column is the largest number of staff found in either the "Age", "Years in Present System", or "Position" categories. The "Total" number of professional staff members may be greater than the total number of "White", "Black", "Spanish Surname", "Asian-American", "Native-American", and "Other" professional staff members because some people who answered this survey did not indicate their racial or ethnic background. An N.A. indicates that this information was not available for the school.

The survey form had 24 different position codes. These positions were reclassified, by the MPP support research staff, under one of these four headings: "Administrators", "Teachers", "Teacher Aides", and "Other Professionals".

"Administrators" include the following positions:

1. Administrative Assistant
2. Assistant Director or Manager
3. Assistant or Vice-Principal
4. Assistant Superintendent
5. Assistant Supervisor
6. Director or Manager (Pupils or Programs)
7. Principal
8. Research
9. Superintendent

"Teachers" include:

1. Itinerant Teacher
2. Special Class Teacher (Handicapped)
3. Specialist (Reading, Speech, etc.)
4. Teacher

"Teacher Aides" include:

1. Teacher Aide

"Other Professionals" include:

1. Attendance Supervisor
2. Chairman or Department Head
3. Counselor
4. Librarian
5. Nurse
6. Other Professional or Technical Personnel
7. Psychologist
8. Psychometrist
9. Social Worker (Adjustment Counselor)
10. Supervisor or Consultant (Staff Improvement)

PAGE 2 - STUDENT ETHNIC CENSUS: 1973-74

This information was obtained from the Massachusetts State Department of Education, Division of Research, Planning, and Evaluation, Enrollment by Classification, Exhibit II, 1973-74. The figures in the "White" column include "White" students and students of racial backgrounds other than "Black", "Native-American", "Asian-American", and "Spanish Surname". "Spanish Surname" students were placed in the "Non-white" category.

PAGE 2 - RACIAL CENSUS: 1967-68; 1970-71; 1972-73

The information on the "Total", "White", and "Non-white" enrollments for these three school years were obtained from the Massachusetts State Department of Education, Division of Research, Planning, and Evaluation, Racial Census, October, 1967; Racial Census, October, 1970; and Racial Census, October, 1972. The Racial Census does not indicate which students were considered "White" and which were considered "Non-white".

PAGE 2 - RACIAL CENSUS: ENROLLMENT CHANGE 1967-1972

These figures were calculated from the previous table by the MPP support research staff. The figures under the number sign (#) column were calculated by subtracting from the "Total", "White" or "Non-white" enrollment for the 1972-73 school year, the "Total", "White" or "Non-white" enrollment for the 1967-68 school year. For example, if the 1972-73 total enrollment was 100 students and the 1967-68 enrollment was 50 students, the enrollment change would be +50(100-50) and this figure would appear in the appropriate box. The figures under the percent(%) column were derived by dividing the difference between the 1972-73 and 1967-68 enrollment by the 1967-68 enrollment. If the difference, for example, between the 1972-73 and 1967-68 enrollments were +50 and the 1967-68 enrollment were 50, the percent change would be +100(50/50). The figures under the "% Change in Proportional Distribution" column were calculated as follows:

The "% White" (or "% Non-white") for 1972-73 was subtracted from the "% White" (or "% Non-white") for 1967-68.

This difference was divided by the "% White" (or "% Non-white") for 1967-68 and this is the figure that was recorded. For example, if the "% White" in 1967-68 was 75% and the "% White" in 1972-73 was 50%, the "% Change in Proportional Distribution" would be calculated as follows:
 $(50-75)/75 = (-25)/75 = -0.33$.

Since the percent "Total Enrollment" is always 100%, no "% Change in Proportional Distribution" was calculated or recorded for "Total Enrollment". If there is a percent change from 0 to any number, the "% Change in Proportional Distribution" is mathematically undefined. This is noted by the word "Undefined".

PAGE 2 - FOLLOW-UP OF HIGH SCHOOL GRADUATES: 1968-1972

The information on the post high school placement of 1968 graduates was obtained from the Massachusetts State Department of Education, Division of Research, Planning, and Evaluation, Distribution of Graduating Class, 1969. The number of students in each of the various placement categories may not equal the total number of high school graduates because information on all placements was not available. If there was no information available on high school graduates in a particular school, this is noted by an N.A. in the first column (under the # sign). The information on the 1972 graduates was obtained from the Massachusetts State Department of Education, Division of Research, Planning, and Evaluation, Distribution of High School Graduates, Class of 1972, Fall 1973. The percentages in the 1972 column may not add up to 100% because of rounding. This table is only displayed for high schools; the profiles for elementary and junior high schools do not have this table.

PAGE 2 - ELIGIBLE TRANSITIONAL BILINGUAL STUDENTS: 1973-74

The number of students eligible for a transitional bilingual program was obtained from the Massachusetts State Department of Education, Bureau of Transitional Bilingual Education, Census of Children of Limited English Speaking Ability on October 1, 1973, under Chapter 71A, Act of 1971. This Census of all public school students is conducted each year in order to determine how many students are of limited English speaking ability as defined in Chapter 71A and, thus, eligible for transitional bilingual classes. The "Percent of Bilingual Enrollment" was calculated by the MPP support research staff by dividing the number of students in each language category, such as "Chinese" or "French" by the "Total" number of eligible bilingual students.

Leslie Steven May

EDUCATIONAL CHARACTERISTICS

NUMBER OF SCHOOLS AND ENROLLMENT By Type of School: 1973-74				
Type of School	Number of Schools	Enrollment		
		Total	White	Non-white
Elementary	4	1,541	1,520	21
Junior High	1	899	892	7
High School	1	976	973	3
Special & Ungraded	0			
Regional	0			
Vocational	0			
Total	6	3,416	3,385	31

SCHOOL ATTENDING CHILDREN IN PUBLIC and Non-public Schools					
Year	Total	Public		Non-public	
		#	%	#	%
1967-68	3,170	3,151	99.4	19	0.6
1970-71	3,502	3,480	99.4	22	0.6
1972-73	3,520	3,506	99.6	14	0.4

EDUCATIONAL COLLABORATIVE PARTICIPATION 1973-74	
Massachusetts Association of School Business Officials(MASBO);	Metropolitan Planning Project-Approving District;
Special Education of Education Mutual(SEEM);	Northeast Metropolitan Vocational

1970 CENSUS: SCHOOL ENROLLMENT FOR Level and Type of School by Race (Population 3 - 34 years)						
Level and Type of School	Total		White		Black	
	#	%	#	%	#	%
Nursery School						
Public	15	0.4	15	0.4	N.A.	0
Parochial	0		0		N.A.	0
Private	71	1.9	71	1.9	N.A.	0
Kindergarten						
Public	5	0.1	5	0.1	N.A.	0
Parochial	0		0		N.A.	0
Private	146	3.9	146	3.9	N.A.	0
Elementary (1-8)						
Public	2,328	62.7	2,328	62.7	N.A.	0
Parochial	0		0		N.A.	0
Private	16	0.4	16	0.4	N.A.	0
High School (1-4)						
Public	855	23.0	855	23.0	N.A.	0
Parochial	21	0.6	21	0.6	N.A.	0
Private	41	1.1	41	1.1	N.A.	0
College						
Public	65	1.8	65	1.8	N.A.	0
Private	151	4.1	151	4.1	N.A.	0

FEDERALLY-FUNDED PROGRAMS 1973-74		
Program	# of Students	% Total Enrollment
Title I	56	1.6
Title III	0	

METROPOLITAN PLANNING PROJECT/COMMUNITY PROFILE # 217 NORTH READING

EDUCATIONAL CHARACTERISTICS

RACIAL CENSUS: 1967-68; 1970-71; 1972-73					
Years	Total En- rollment	White		Non-white	
		#	%	#	%
1967- 1968	3,138	3,120	99.4	18	0.6
1970- 1971	3,450	3,431	99.4	19	0.6
1972- 1973	3,459	3,429	99.1	30	0.9

RACIAL CENSUS: ENROLLMENT CHANGE 1967-1972			
	#	% Change in Proportional Distribution	
		#	%
TOTAL	+321	+10.2	
White	+309	+9.9	-0.3
Non-white	+12	+66.7	+50.0

STUDENT ETHNIC CENSUS: 1973-74					
		Black	Non-white		
			Native-American	Asian-American	Spanish Surname
Number	3,416	13	0	14	4
Percent	100.0	0.4		0.4	0.1

FOLLOW UP OF HIGH SCHOOL GRADUATES: 1968; 1972					
Post High School Placement		Class of			
		1968		1972	
		#	%	#	%
4-yr. State College		18	10.1	30	15.6
4-yr. Other College		43	24.2	30	15.6
2-yr. State College		8	4.5	19	9.9
2-yr. Other College		13	7.3	2	1.0
Nurses Training		3	1.7	2	1.0
Other Post Secondary		15	8.4	12	6.3
Military		8	4.5	1	0.5
Work		63	35.4	96	50.0
Other		18	10.1	0	
TOTAL		178	100.0	192	100.0

ELIGIBLE TRANSITIONAL BILINGUAL STUDENTS: 1973-74		
Language	Number of Students	Percent of Bilingual Enrollment
TOTAL	0	
Chinese		
French		
Greek		
Italian		
Portuguese		
Spanish		
Other		

METROPOLITAN PLANNING PROJECT/COMMUNITY PROFILE # 217 NORTH READING

EDUCATIONAL CHARACTERISTICS

PUBLIC SCHOOL STUDENT ENROLLMENTS: 1964 - 1982					
Past Enrollments: 1964 - 1972					
Projected Enrollments: 1973 - 1982					
School Year Beginning in Fall of	Total K-12	Total K-6	Total 7-12	White K-12	Non-white K-12
	(R ² = .967)	(R ² = .860)	(R ² = .989)	(R ² = .964)	(R ² = .808)
1964	2530.00	1500.93	1029.07	2523.00	7.00000
1965	2827.00	1671.19	1155.81	2817.00	10.0000
1966	3028.00	1762.39	1265.61	2015.00	13.0000
1967	3138.00	1827.81	1310.19	3120.00	18.0000
1968	3217.00	1849.30	1367.70	3194.00	23.0000
1969	3201.00	1776.54	1424.46	3180.00	21.0000
1970	3452.00	2026.00	1427.00	3434.00	19.0000
1971	3474.00	2009.00	1465.00	3454.00	20.0000
1972	3459.00	1940.00	1519.00	3429.00	30.0000
1973	3488.70	1983.39	1504.68	3463.04	24.5455
1974	3505.29	1993.83	1513.43	3478.94	24.7011
1975	3516.70	1996.06	1519.65	3490.21	24.7899
1976	3524.51	1999.73	1524.04	3498.16	24.8404
1977	3530.71	2002.30	1527.14	3502.77	24.8690
1978	3534.79	2004.10	1529.33	3507.73	24.8852
1979	3537.67	2005.36	1530.87	3510.51	24.8943
1980	3539.69	2006.24	1531.96	3512.46	24.8955
1981	3541.12	2006.86	1532.72	3513.84	24.9024
1982	3542.12	2007.28	1532.26	3514.81	24.9041

METROPOLITAN PLANNING PROJECT/COMMUNITY PROFILE # 217 NORTH READING

EDUCATIONAL CHARACTERISTICS

NUMBER OF TEACHERS BY RACE: 1972-73										
Total	White		Non-White		Non-white					
					Black		Asian-American		Native-American	
	#	%	#	%	#	%	#	%	#	%
181	181	100.0	0		0		0		0	

NUMBER OF TEACHERS, TEACHER AIDES AND OTHER PROFESSIONAL STAFF: 1973-74													
Staff Status	Total	White		Non-white		Non-white							
						Black		Asian-American		Native-American		Spanish Surname	
		#	%	#	%	#	%	#	%	#	%	#	%
Teachers	169	168	99.4	1	0.6	0		1	0.6	0		0	
Teacher Aides	15	14	93.3	1	6.7	0		0		0		1	6.7
Other Professional Staff	32	32	100.0	0									
Total	216	214	99.1	2	0.9	0		1	0.5	0		1	0.5

EDUCATIONAL CHARACTERISTICS

SELECTED FINANCIAL CHARACTERISTICS								
Year	% Municipal Tax Spent on Education	Comprehensive Per Pupil Expenditure (in \$)			Public School Attending Children Transported at Public Expense		Computative Equalized Property Valuation per School Attending Child (in \$)	
		Total	Elementary School	Junior High School	High School	#		%
1967-68	61.2	582	476	606	764	2,267	71.9	16,719
1970-71	59.7	852	722	890	1,068	2,713	78.0	18,561
1972-73	60.9	960	821	899	1,255	2,394	68.3	20,170

1973 TAX RATE	
Official	Equalized
68.50	58.91

1973 SCHOOL TAX RATE	
Official	Equalized
42.00	36.12

1973 MOODY'S BOND RATING
A

PUBLIC SCHOOL STUDENTS Receiving Subsidized Lunches: 1973-74		
	# of Lunch Program Students	% of Total Enrollment
TOTAL	159	4.7
Free	136	4.0
Reduced Price	23	0.7

STUDENTS ENROLLED IN METCO		
Year	# METCO Students	% of Total Enrollment
1967-68	0	
1970-71	0	
1972-73	0	
1973-74	0	

EDUCATIONAL CHARACTERISTICS

PERCENT DISTRIBUTION OF SCHOOL REVENUES: 1967-68; 1970-71; 1972-73									
Year	Total Public School Funds Provided *	Local Sources		Commonwealth Sources		Federal Sources		Other School Districts	
		\$	%	\$	%	\$	%	\$	%
1967-68	2,385,321	1,861,201	78.0	436,668	18.3	110,027	4.6	0	
1970-71	3,728,233	2,808,456	75.3	846,757	22.7	117,271	3.1	0	
1972-73	3,903,379	1,972,116	50.5	1,833,798	47.0	90,787	2.3	345	0.0
Notes: *The amount of Total Public School Funds Provided is not necessarily equal to the total of the Local, Commonwealth, Federal, and Other School District revenues because the total incorporates an adjustment figure reported in the annual budget for the beginning and ending balance.									

ABSOLUTE DOLLAR AND PERCENT CHANGES IN REVENUES: 1967-72										
Changes in Public School Funds Provided 1967-72	Total		Local Sources		Commonwealth Sources		Federal Sources		Other School Districts	
	\$	%	\$	%	\$	%	\$	%	\$	%
	1,518,058	63.6	110,915	6.0	1,397,130	320.0	-19,240	-17.5	345	Undefined

PERCENT CHANGE IN PROPORTIONAL DISTRIBUTION OF REVENUES: 1967-72				
% Change in Proportional Distribution of Revenue 1967-72	Local Sources		Commonwealth Sources	
	Federal Sources		Other School Districts	
	-35.3		156.8	
	-50.0		Undefined	

METROPOLITAN PLANNING PROJECT/COMMUNITY PROFILE # 217 NORTH READING

EDUCATIONAL CHARACTERISTICS

Year	PERCENT DISTRIBUTION OF SCHOOL EXPENDITURES: 1967-68; 1970-71; 1972-73														
	Total Public School Funds Applied	Expenditures by School Committee						Expenditures for Services provided by Other Municipal Agencies		Expenditures for Regional School Assessments		Expenditures of Federal Funds		Expenditures of Revolving Funds	
		Administration		Instruction		Other*		\$	%	\$	%	\$	%	\$	%
		\$	%	\$	%	\$	%								
1967-68	2,385,321	47,876	2.0	1,398,019	58.6	388,682	16.3	297,620	12.5	17,913	0.8	58,582	2.5	176,629	7.4
1970-71	3,728,233	66,517	1.8	2,233,994	59.9	637,493	17.1	450,964	12.1	115,502	3.1	26,059	0.7	197,704	5.3
1972-73	3,903,379	71,196	1.8	2,459,680	63.1	652,479	16.7	450,812	11.6	65,590	1.7	24,701	0.6	178,921	4.6

Changes in Public School Funds Expended	ABSOLUTE DOLLAR AND PERCENT CHANGES IN EXPENDITURES: 1967-72														
	Total Public School Funds Applied	Expenditures by School Committee						Expenditures for Services provided by Other Municipal Agencies		Expenditures for Regional School Assessments		Expenditures of Federal Funds		Expenditures of Revolving Funds	
		Administration		Instruction		Other*		\$	%	\$	%	\$	%	\$	%
		\$	%	\$	%	\$	%								
	\$	23,320	48.7	1,061,661	75.9	263,797	67.9	153,192	51.5	47,677	266.2	-33,881	-57.8	2,292	1.3

PERCENT CHANGE IN PROPORTIONAL DISTRIBUTION OF EXPENDITURES: 1967-72									
Percent Change in Proportional Distribution of Expenditures 1967-72	Expenditures by School Committee			Expenditures for Services provided by Other Municipal Agencies	Expenditures for Regional School Assessments	Expenditures of Federal Funds	Expenditures of Revolving Funds		
	Administration	Instruction	Other*						
		-10.0	7.7	2.5	-7.2	112.5	-76.0	-37.8	

Note: *Other includes the following categories: attendance, health service, pupil transportation, food services, athletics, other student-body activities, operation and maintenance of plant, fixed charges, community services, acquisitions of fixed assets, debt retirement and debt services, and programs with other districts.

EDUCATIONAL CHARACTERISTICS

1970 CENSUS: COUNT OF PERSONS 25 YEARS OF AGE AND OVER BY RACE AND YEARS OF SCHOOL COMPLETED									
Level and Years of School Completed	Total Population		White		Black		Spanish-American		
	#	%	#	%	#	%	#	%	
No School Year Completed	9	0.2	9	0.2					
Elementary: 1-4 years	17	0.3	17	0.3					
5-6 years	133	2.4	133	2.4					
7 years	104	1.8	104	1.9					
8 years	348	6.2	348	6.2					
High School: 1-3 years	1,036	18.4	1,036	18.4					
4 years	2,442	43.4	2,437	43.4					
College: 1-3 years	744	13.2	744	13.2					
4 years	533	9.5	533	9.5					
5 years or more	260	4.6	260	4.6					
Total	5,626	100.0	5,621	100.0	N.A.		N.A.		

MEDIAN SCHOOL YEARS COMPLETED				
Total Population	White	Black	Spanish-American	
12.0	12.0	N.A.	N.A.	

METROPOLITAN PLANNING PROJECT/COMMUNITY PROFILE # 217 NORTH READING

DEMOGRAPHIC CHARACTERISTICS

CENSUS POPULATION BY RACE AND SPANISH LANGUAGE: 1960; 1970															
Year	Total Population	Total Population						Non-White						Spanish Language	
		White		Non-white		Black		Native-American		Asian-American		Other			
		#	%	#	%	#	%	#	%	#	%	#	%	#	%
1960	8,331	8,309	99.7	22	0.3	9	0.1	0		0		13	0.2	Not Available	
1970	11,264	11,210	99.5	54	0.5	18	0.2	11	0.1	16	0.1	9	0.1	28	0.3
1960-1970 Increase (+) Decrease (-)		+2,901	34.9	+32	145.4	+9	100.0	+11	Under- fined	+16	Under- fined	-2	18.2		
% Change in Proportional Distribution		-0.2		+84.6		+45.4		Undefined		Undefined		-61.9			

CENSUS POPULATION INCREASE OR DECREASE: 1960-1970		
1960-70 Increase (+) or Decrease (-)		+2,933
% Change 1960-70 Increase (+) or Decrease (-)		+35.2
Balance of Births to Deaths		
Excess of Births (+)		
Excess of Deaths (-)		+1,433
Net Migration		
Excess of People Moving In (+)		
Excess of People Moving Out (-)		+1,490

1970 CENSUS: FERTILITY RATIO BY RACE	
Total Population	1.772:1
White	1.776:1
Black	N.A.
Spanish-American	N.A.

METROPOLITAN PLANNING PROJECT/COMMUNITY PROFILES # 217 NORTH READING

DEMOGRAPHIC CHARACTERISTICS

1970 CENSUS: Household Population by Race			
Race	Total Population #	Population in Households	
		#	%
White	11,210	11,060	99.5
Black	18	N.A.	
Other	36	N.A.	
Total	11,264	11,112	100.0

1970 CENSUS: Number of Families by Sex of Family Head				
Family Head	Total Population	White	Black	Spanish-American
Male	2,554	2,554		
Female	151	151		
Total	2,705	2,705	N.A.	N.A.

1970 CENSUS: AGE DISTRIBUTION BY RACE									
Age	Total	White		Non-white		Non-white			
		#	%	#	%	Black		Other	
						#	%	#	%
Under 5	1,133	1,124	10.0	9	16.7	3	18.8	6	15.8
5 - 9	1,409	1,400	12.5	9	16.7	3	18.8	6	15.8
10 - 14	1,388	1,383	12.3	5	9.3	2	12.5	3	7.9
15 - 19	1,062	1,056	9.4	6	11.1	3	18.8	3	7.9
20 - 24	637	635	5.7	2	3.7	0		2	5.3
25 - 44	3,079	3,060	27.3	19	35.2	3	18.8	16	42.1
45 - 64	1,912	1,908	17.0	4	7.4	2	12.5	2	5.3
65 and Over	644	644	5.7	0		0		0	
Total	11,264	11,210	100.0	54	100.0	16	100.0	38	100.0

METROPOLITAN PLANNING PROJECT/COMMUNITY PROFILE # 217 NORTH READING

DEMOGRAPHIC CHARACTERISTICS

1970 CENSUS: NATIVITY AND PARENTAGE					
Nativity	Total Population		White		Spanish-American
	#	%	#	#	#
Native of Native Parent	8,445	75.0	8,445		
Foreign Stock	2,819	25.0	2,819		
Total	11,264	100.0	11,264	N.A.	N.A.

1970 CENSUS: MOST FREQUENT COUNTRY of Origin of Foreign Stock			
Country of Origin	# of Persons	% Foreign Stock Population	
Canada	1,199	42.5	
Italy	543	19.3	
United Kingdom	351	12.5	
Ireland	206	7.3	

1970 CENSUS: SPANISH POPULATION INDICATORS			
Indicators	# of Persons	% of Total Population	
Spanish Origin or Descent	205	1.8	
Puerto Rican Birth or Parentage	0		
Spanish Language	28	0.2	

1970 CENSUS: MOST FREQUENT MOTHER TONGUES Other Than English		
Mother Tongue	# of Persons	% of Total Population
Italian	577	5.1
French	348	3.1
German	100	0.9
Polish	56	0.5

ECONOMIC CHARACTERISTICS

1970 CENSUS: NUMBER OF EMPLOYED PERSONS 16 YEARS OLD AND OVER BY OCCUPATION									
Occupation	Total Persons Employed		White		Black		Spanish-American		
	#	%	#	%	#	%	#	%	
Professional, Technical and Kindred Workers	817	19.1	817	19.1					
Managers and Administrators, except Farm	454	10.6	454	10.6					
Sales Workers	239	5.6	239	5.6					
Clerical and Kindred Workers	808	18.9	808	18.9					
Craftsmen, Foremen and Kindred Workers	670	15.7	670	15.7					
Operatives, except Transport	539	12.6	539	12.6					
Transport Equipment Operatives	194	4.5	194	4.5					
Laborers, except Farm	117	2.7	117	2.7					
Farmers and Farm Managers	5	0.1	5	0.1					
Farm Laborers and Foremen	11	0.3	11	0.3					
Service Workers, except Private Household	410	9.6	410	9.6					
Private Household Workers	11	0.3	11	0.3					
Total	4,275	100.0	4,275	100.0	N.A.				N.A.

METROPOLITAN PLANNING PROJECT/COMMUNITY PROFILE # 217 NORTH READING

ECONOMIC CHARACTERISTICS

MEDIAN INCOME: 1960 CENSUS; 1970 CENSUS								
Year	Families			Unrelated Individuals				
	All	White	Black	Spanish-American	All	White	Black	Spanish-American
1960	N.A.				N.A.			
1970	\$12,483	\$12,483	N.A.	N.A.	\$3,433	\$3,433	N.A.	N.A.

1970 CENSUS: EMPLOYMENT STATUS BY RACE of Persons 16 Years of Age and Over in Labor Force									
Employment Status	Total Population		White		Black		Spanish-American		
	#	%	#	%	#	%	#	%	%
Employed	4,275	97.3	4,275	97.3			0		
Unemployed	118	2.7	118	2.7			0		
Total	4,393	100.0	4,393	100.0	N.A.		0		

METROPOLITAN PLANNING PROJECT/COMMUNITY PROFILE # 217 North Reading

ECONOMIC CHARACTERISTICS

1970 CENSUS: Number of Persons in Families and Number of Unrelated Individuals with Income Less Than Poverty Level								
Family Status	Total Population		White		Black		Spanish-American	
	#	%	#	%	#	%	#	%
Persons in Families	451	53.4	451	53.4				
Unrelated Individuals	349	46.6	349	46.6				
Total	800	100.0	800	100.0	N.A.		N.A.	

1970 CENSUS: Number of Related Children Under 18 in Families Below Poverty Level by Presence of Parents								
Parental Presence	Total Population		White		Black		Spanish-American	
	#	%	#	%	#	%	#	%
Living with Both Parents	149	63.7	149	63.7				
Other	85	37.3	85	37.3				
Total	234	100.0	234	100.0	N.A.			N.A.

METROPOLITAN PLANNING PROJECT/COMMUNITY PROFILE # 217 NORTH READING

ECONOMIC CHARACTERISTICS

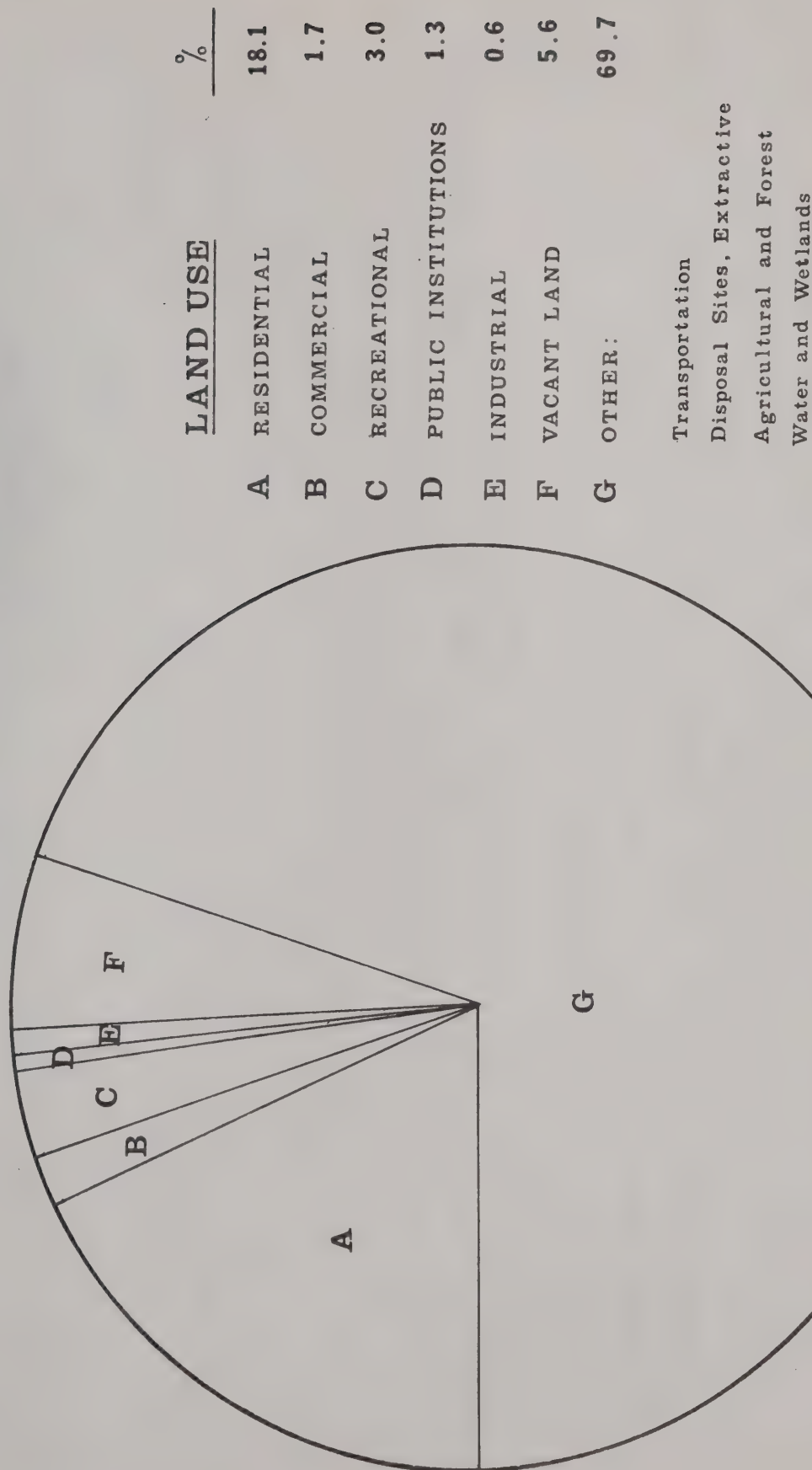
CHARACTERISTICS OF INDUSTRIAL FIRMS: 1967					
Industry	Number of Firms	Annual Payroll in \$	Average Number of Employees	Average Annual Wage in \$	
Agriculture and Mining	4	45,491	15	3,033	
Construction	21	433,049	73	5,932	
Manufacturing	11	461,191	67	6,883	
Transportation, Communication, and Utilities	4	157,614	50	3,152	
Wholesale and Retail Trade	46	1,681,076	463	3,631	
Finance, Insurance, Real Estate	3	1,445	1	1,445	
Service Industries	24	663,691	154	4,310	
Total	113	3,443,557	824	4,179	

METROPOLITAN PLANNING PROJECT/COMMUNITY PROFILE # 217 NORTH READING
ECONOMIC CHARACTERISTICS

CHARACTERISTICS OF INDUSTRIAL FIRMS: 1972					
Industry	Number of Firms	Annual Payroll in \$	Average Number of Employees	Average Annual Wage in \$	
Agriculture and Mining	3	58,700	10	5,870	
Construction	22	2,410,908	177	13,621	
Manufacturing	8	683,952	80	8,549	
Transportation, Communication, and Utilities	5	961,298	70	13,733	
Wholesale and Retail Trade	56	3,871,381	880	4,399	
Finance, Insurance, Real Estate	5	83,780	13	6,445	
Service Industries	32	1,580,752	267	5,920	
Total	131	9,650,771	1,497	6,447	

1971 LAND USE PATTERN IN

NORTH READING



METROPOLITAN PLANNING PROJECT/COMMUNITY PROFILE # 217 NORTH READING

HOUSING CHARACTERISTICS

1970 CENSUS: SELECTED HOUSING CHARACTERISTICS													
Total Housing Units					Occupied Housing Units					Median Value Owner Occupied Unit	Median Contract Rent		
Total		Vacant		Occupied		Total	Owner Occupied		Renter Occupied				
#	%	#	%	#	%	#	%	#	%	\$	\$		
3,045	100.0	100	3.3	2,945	96.7	2,945	100.0	2,579	87.6	366	12.4	21,800	116

1970 CENSUS: NUMBER OF HOUSING UNITS by Occupancy Status and Race of Head of Household						
Occupancy Status	Total		White Head of Household		Black Head of Household	
	#	%	#	%	#	%
Owner Occupied	2,579	85.7	2,573	87.7	2	66.7
Renter Occupied	366	12.2	362	12.3	1	33.3
Vacant Year Round	65	2.2	Not Applicable			
Total	3,010	100.0	2,935	100.0	3	100.0

BUILDING PERMITS ISSUED FOR NEW Dwelling Units: 1960-1971		
Year Issued	Number	
1960-1964	441	
1965-1969	326	
1971	223	
Total	990	

HOUSING CHARACTERISTICS

NUMBER OF SUBSIDIZED HOUSING UNITS BY TYPE OF UNIT BY CONSTRUCTION STATUS: 1973									
Status	Total Subsidized Units	Low Income Units			Moderate Income Units			MHFA Low-Moderate Income Units	
		Elderly	Family	Leased	Elderly	Family Homeownership	Rental Assistance	Low	Moderate
Completed	41	40	0	0	0	1	0	0	0
Under Construction	0								
In Planning	0								

1970 CENSUS: AGE OF HOUSING UNITS									
Year Built	Total Housing Units		Black Occupied Housing Units		Other Occupied Housing Units		Spanish-American Occupied Housing Units		
	#	%	#	%	#	%	#	%	
1965-March 1970	381	12.6							
1960-1964	470	15.6							
1950-1959	1,047	34.7							
1940-1949	318	10.5							
1939 or earlier	803	26.6							
Total	3,019	100.0	N.A.		N.A.		N.A.		N.A.

METROPOLITAN PLANNING PROJECT/COMMUNITY PROFILE # 217 NORTH READING

HOUSING CHARACTERISTICS

1970 CENSUS: NUMBER OF PERSONS PER ROOM IN OCCUPIED HOUSING UNITS by Race of Head of Household						
Persons per Room	Total Occupied Units		Black Occupied Units		Other Occupied Units	
	#	%	#	%	#	%
1.00 or less	2,738	93.0				
1.01 to 1.50	182	6.2				
1.51 or more	25	0.8				
Total	2,945	100.0	N.A.		N.A.	

1970 CENSUS: Average Number of Persons per Housing Unit	
Total Occupied Housing Units	3.8
Black Occupied Housing Units	N.A.
Other Occupied Housing Units	N.A.
Spanish-American Occupied Housing Units	N.A.

1970 CENSUS: TYPE OF HOUSING STRUCTURE		
Type	# of Structures	% of Housing Units
1 Unit	2,761	91.5
2 Units	100	3.3
3-4 Units	51	1.7
5-9 Units	0	
10 or more Units	79	2.6
Mobile Home or Trailer	28	0.9
Total	3,019	100.0

HOUSING CHARACTERISTICS

1970 CENSUS: VALUE OF OWNER OCCUPIED HOUSING UNITS BY RACE OF HEAD OF HOUSEHOLD									
	Total Owner Occupied Units		Black Owner Occupied Units		Other Owner Occupied Units		Spanish-American Owner Occupied Units		
	#	%	#	%	#	%	#	%	
Less than \$5,000	24	1.0							
\$5,000 - \$7,499	20	0.8							
\$7,500 - \$9,999	42	1.7							
\$10,000 - \$12,499	83	3.4							
\$12,500 - \$14,999	164	6.8							
\$15,000 - \$17,499	217	8.9							
\$17,500 - \$19,999	346	14.2							
\$20,000 - \$24,999	728	30.0							
\$25,000 - \$34,999	650	26.8							
\$35,000 - \$49,999	144	5.9							
\$50,000 and over	11	0.5							
Total	2,429	100.0	N.A.		N.A.		N.A.		

METROPOLITAN PLANNING PROJECT/COMMUNITY PROFILE # 217 NORTH READING

HOUSING CHARACTERISTICS

1970 CENSUS: MONTHLY GROSS RENT BY RACE OF HEAD OF HOUSEHOLD									
Monthly Gross Rent	Total Renter Occupied Units		Black Renter Occupied Units		Other Renter Occupied Units		Spanish-American Renter Occupied Units		
	#	%	#	%	#	%	#	%	
Less than \$30	0								
\$30 - \$49	0								
\$50 - \$69	44	12.0							
\$70 - \$89	21	5.7							
\$90 - \$119	93	25.4							
\$120 - \$149	38	10.4							
\$150 - \$199	115	31.4							
\$200 - \$249	11	3.0							
\$250 - \$299	29	7.9							
\$300 or more	4	1.1							
No Cash Rent	11	3.0							
Total	366	100.0	N.A.		N.A.		N.A.		

METROPOLITAN PLANNING PROJECT/INDIVIDUAL SCHOOL PROFILE

School District # 217	
School # 005	
1973-74	
Federal Programs	
Title I:	
Type of Program:	Language Arts,
# of Students:	Math, Reading
% School Enrollment:	16
Lunch Program:	3.8
# Students, Free:	15
# Students, Reduced Price:	5
TOTAL	20
% School Enrollment:	4.8
Bilingual Program:	0
# Eligible Students:	
% School Enrollment:	
METCO Interdistrict Program:	
# Students:	0
% School Enrollment:	

1973-74	
School District:	North Reading
School Name:	L. D. Batchelder
No. & Street:	Peabody
City, State, Zip:	North Reading, Mass. 01864
Grade Organization:	K-5
Facilities:	
Initial Construction Date:	1971
Dates of Additions or Changes:	
# Rooms, Instructional Use:	30
# Rooms, Other Uses:	15
TOTAL	45

[illegible]

STUDENT ETHNIC CENSUS: 1973-74							School District # 217 School # 005	
Total		White	Non-white	Black	Non-white			Spanish Surname
					Native-American	Asian-American		
Number	421	413	8	1	0	3		4
Percent	100.0	98.1	1.9	0.2		0.7		1.0

RACIAL CENSUS: 1967-68, 1970-71, 1972-73					
Years	Total Enrollment	White		Non-white	
		#	%	#	%
1967-1968	606	603	99.5	3	.5
1970-1971	506	500	98.8	6	1.2
1972-1973	476	470	98.7	6	1.3

RACIAL CENSUS: ENROLLMENT CHANGE 1967-1972			
	#	%	% Change in Proportional Distribution
TOTAL	-130	-21.5	
White	-133	-22.1	-0.8
Non-white	+3	+100.0	+160.0

ELIGIBLE TRANSITIONAL BILINGUAL STUDENTS: 1973-74		
Language	Number of Students	Percent of Bilingual Enrollment
TOTAL	0	
Chinese		
French		
Greek		
Italian		
Portuguese		
Spanish		
Other		

METROPOLITAN PLANNING PROJECT/INDIVIDUAL SCHOOL PROFILE

School District # 217
School # 010

1973-74
School District: North Reading
School Name: J. Turner Hood
No. & Street: Haverhill
City, State, Zip: North Reading, Mass. 01864
Grade Organization: K-5
Facilities:
Initial Construction Date: 1960
Dates of Additions or Changes: 1970
Rooms, Instructional Use: 27
Rooms, Other Uses: 20
TOTAL 47

1973-74
Federal Programs
Title I:
Type of Program:
of Students: 0
% School Enrollment:
Lunch Program:
Students, Free: 5
Students, Reduced Price: 2
TOTAL 7
% School Enrollment: 1.4
Bilingual Program:
Eligible Students: 0
% School Enrollment:
METCO Interdistrict Program:
Students: 0
% School Enrollment:

STAFF ETHNIC CENSUS: 1973-74													
Professional Staff	Census		Age				Years in Present System			Position			
	#	%	Under 26	26-34	35-55	56 & Over	Under 3	3-9	10 & Over	Administrators	Teachers	Teacher Aides	Other Professionals
TOTAL	34	100.0	5	12	14	1	10	17	5	3	23	5	3
White	32	94.1	4	12	13	1	9	16	5	2	22	5	3
Black	0		0	0	0	0	0	0	0	0	0	0	0
Spanish Surname	0		0	0	0	0	0	0	0	0	0	0	0
Asian-American	0		0	0	0	0	0	0	0	0	0	0	0
Native-American	0		0	0	0	0	0	0	0	0	0	0	0
Other	1	2.9	1	0	0	0	1	0	0	1	0	0	0

School District # 217
School # 010

STUDENT ETHNIC CENSUS: 1973-74

	Total	White	Non-white	Non-white			
				Black	Native-American	Asian-American	Spanish Surname
Number	510	506	4	2	0	2	0
Percent	100.0	99.2	0.8	0.4		0.4	

RACIAL CENSUS: 1967-68, 1970-71, 1972-73

Years	Total Enrollment	White		Non-white	
		#	%	#	%
1967-1968	322	320	99.4	2	.6
1970-1971	573	572	99.8	1	.2
1972-1973	535	535	100.0	0	

RACIAL CENSUS: ENROLLMENT CHANGE 1967-1972

	#	%	% Change in Proportional Distribution
TOTAL	+213		+66.1
White	+215		+67.2
Non-white	-2		-100.0

ELIGIBLE TRANSITIONAL BILINGUAL STUDENTS: 1973-74

Language	Number of Students	Percent of Bilingual Enrollment
TOTAL	0	
Chinese		
French		
Greek		
Italian		
Portuguese		
Spanish		
Other		

School	District #	217
School #	015	

1973-74	
School District:	North Reading
School Name:	E. Ethel Little
No. & Street:	Barberry Road
City, State, Zip:	North Reading, Mass. 01864
Grade Organization:	K-5
Facilities:	
Initial Construction Date:	1958
Dates of Additions or Changes:	1969
# Rooms, Instructional Use:	18
# Rooms, Other Uses:	21
TOTAL	39

1973-74	
Federal Programs	
Title I:	
Type of Program:	Language Arts,
# of Students:	Math, Reading
% School Enrollment:	16
Lunch Program:	4.6
# Students, Free:	32
# Students, Reduced Price:	5
TOTAL	37
% School Enrollment:	10.6
Bilingual Program:	0
# Eligible Students:	
% School Enrollment:	
METCO Interdistrict Program:	
# Students:	0
% School Enrollment:	

[illegible]

School District # 217
School # 015

STUDENT ETHNIC CENSUS: 1973-74							
	Total	White	Non-white	Non-white			Spanish Surname
				Black	Native-American	Asian-American	
Number	349	347	2	1	0	1	0
Percent	100.0	99.4	0.6	0.3		0.3	

RACIAL CENSUS: 1967-68, 1970-71, 1972-73					
Years	Total Enrollment	White		Non-white	
		#	%	#	%
1967-1968	211	208	98.6	3	1.4
1970-1971	359	359	100.0	0	
1972-1973	342	340	99.4	2	0.6

RACIAL CENSUS: ENROLLMENT CHANGE 1967-1972			
	#	%	% Change in Proportional Distribution
TOTAL	+131	+62.1	
White	+132	+63.5	+0.8
Non-white	-1	-33.3	-57.1

ELIGIBLE TRANSITIONAL BILINGUAL STUDENTS: 1973-74		
Language	Number of Students	Percent of Bilingual Enrollment
TOTAL	0	
Chinese		
French		
Greek		
Italian		
Portuguese		
Spanish		
Other		

METROPOLITAN PLANNING PROJECT/INDIVIDUAL SCHOOL PROFILE

1973-74		School District # 217
School District: North Reading		School # 020
School Name: Marea J. Murphy No. & Street: North City, State, Zip: North Reading, Mass. 01864 Grade Organization: K-5 Facilities: Initial Construction Date: 1958 Dates of Additions or Changes: # Rooms, Instructional Use: 17 # Rooms, Other Uses: 17 TOTAL 34		
Federal Programs Title I: Type of Program: Language Arts, # of Students: Math, Reading % School Enrollment: 24 Lunch Program: 9.2 # Students, Free: 43 # Students, Reduced Price: 2 TOTAL 45 % School Enrollment: 17.2 Bilingual Program: # Eligible Students: 0 % School Enrollment: METCO Interdistrict Program: # Students: 0 % School Enrollment:		

1973-74		School District: North Reading
School Name: Marea J. Murphy		
No. & Street: North		
City, State, Zip: North Reading, Mass. 01864		
Grade Organization: K-5		
Facilities:		
Initial Construction Date: 1958		
Dates of Additions or Changes:		
# Rooms, Instructional Use: 17		
# Rooms, Other Uses: 17		
TOTAL 34		

STAFF ETHNIC CENSUS: 1973-74													
Professional Staff	Census		Age				Years in Present System			Position			
	#	%	Under 26	26-34	35-55	56 & Over	Under 3	3-9	10 & Over	Administrators	Teachers	Teacher Aides	Other Professionals
TOTAL	16	100.0	3	6	6	0	3	10	3	1	13	2	0
White	15	93.8	3	5	6	0	3	9	3	1	12	2	0
Black	0		0	0	0	0	0	0	0	0	0	0	0
Spanish Surname	0		0	0	0	0	0	0	0	0	0	0	0
Asian-American	0		0	0	0	0	0	0	0	0	0	0	0
Native-American	0		0	0	0	0	0	0	0	0	0	0	0
Other	1	6.3	0	1	0	0	0	1	0	0	1	0	0

STUDENT ETHNIC CENSUS: 1973-74							School District # 217	School # 020
Total		White	Non-white	Black	Native-American	Asian-American	Spanish Surname	
Number	261	254	7	5	0	2	0	
Percent	100.0	97.3	2.7	1.9		0.8		

RACIAL CENSUS: 1967-68, 1970-71, 1972-73					
Years	Total Enrollment	White		Non-white	
		#	%	#	%
1967-1968	319	316	99.1	3	0.9
1970-1971	310	305	98.4	5	1.6
1972-1973	290	280	96.6	10	3.4

RACIAL CENSUS: ENROLLMENT CHANGE 1967-1972			
	#	%	% Change in Proportional Distribution
TOTAL	-29	-9.1	
White	-36	-11.4	-2.8
Non-white	+7	+233.3	+277.8

ELIGIBLE TRANSITIONAL BILINGUAL STUDENTS: 1973-74		
Language	Number of Students	Percent of Bilingual Enrollment
TOTAL	0	
Chinese		
French		
Greek		
Italian		
Portuguese		
Spanish		
Other		

School District #	217
School #	405
1973-74	
Federal Programs	
Title I:	
Type of Program:	
# of Students:	0
% School Enrollment:	
Lunch Program:	
# Students, Free:	38
# Students, Reduced Price:	9
TOTAL	47
% School Enrollment:	5.2
Bilingual Program:	
# Eligible Students:	0
% School Enrollment:	
METCO Interdistrict Program:	
# Students:	0
% School Enrollment:	

1973-74

School District:	North Reading
School Name:	North Reading Jr. High
No. & Street:	Sherman Road
City, State, Zip:	North Reading, Mass. 01864
Grade Organization:	6-8
Facilities:	
Initial Construction Date:	1964
Dates of Additions or Changes:	
# Rooms, Instructional Use:	41
# Rooms, Other Uses:	31
TOTAL	72

[illegible]

School District # 217
School # 405

STUDENT ETHNIC CENSUS: 1973-74					
Total	White	Non-white	Black	Native-American	Non-white Asian-American Spanish Surname
Number	892	7	3	0	4
Percent	99.2	0.8	0.3		0.4

RACIAL CENSUS: 1967-68, 1970-71, 1972-73					
Years	Total Enrollment	White		Non-white	
		#	%	#	%
1967-1968	859	855	99.5	4	0.5
1970-1971	834	830	99.5	4	0.5
1972-1973	860	858	99.8	2	0.2

RACIAL CENSUS: ENROLLMENT CHANGE 1967-1972			
	#	%	% Change in Proportional Distribution
TOTAL	+1	+0.1	
White	+3	+0.4	+0.3
Non-white	-2	-50.0	-60.0

ELIGIBLE TRANSITIONAL BILINGUAL STUDENTS: 1973-74		
Language	Number of Students	Percent of Bilingual Enrollment
TOTAL	0	
Chinese		
French		
Greek		
Italian		
Portuguese		
Spanish		
Other		

METROPOLITAN PLANNING PROJECT/INDIVIDUAL SCHOOL PROFILE

1973-74		School District # 217
School District: North Reading		School # 505
Federal Programs		
Title I:		
Type of Program:		
# of Students:		0
% School Enrollment:		
Lunch Program:		
# Students, Free:		3
# Students, Reduced Price:		0
TOTAL		3
% School Enrollment:		0.3
Bilingual Program:		
# Eligible Students:		0
% School Enrollment:		
METCO Interdistrict Program:		
# Students:		0
% School Enrollment:		

1973-74	
School District:	North Reading
School Name:	North Reading High
No. & Street:	Park
City, State, Zip:	North Reading, Mass. 01864
Grade Organization:	9-12
Facilities:	
Initial Construction Date:	1957
Dates of Additions or Changes:	
# Rooms, Instructional Use:	60
# Rooms, Other Uses:	37
TOTAL	97

STAFF ETHNIC CENSUS: 1973-74													
Professional Staff	Census		Age				Years in Present System			Position			
	#	%	Under 26	26-34	35-55	56 & Over	Under 3	3-9	10 & Over	Administrators	Teachers	Teacher Aides	Other Professionals
TOTAL	78	100.0	8	31	27	3	12	33	24	7	54	0	17
White	77	98.7	8	30	27	3	12	32	24	7	53	0	17
Black	0		0	0	0	0	0	0	0	0	0	0	0
Spanish Surname	0		0	0	0	0	0	0	0	0	0	0	0
Asian-American	0		0	0	0	0	0	0	0	0	0	0	0
Native-American	0		0	0	0	0	0	0	0	0	0	0	0
Other	1	1.3	0	1	0	0	0	1	0	0	1	0	0

School District # 217
School # 505

STUDENT ETHNIC CENSUS: 1973-74					
Total		White	Non-white	Non-white	
				Native-American	Asian-American
				Black	Spanish Surname
Number	976	973	3	1	0
Percent	100.0	99.7	0.3	0.1	0.2

RACIAL CENSUS: 1967-68, 1970-71, 1972-73					
Years	Total Enrollment	White		Non-white	
		#	%	#	%
1967-1968	816	813	99.6	3	0.4
1970-1971	868	865	99.7	3	0.3
1972-1973	956	946	99.0	10	1.0

RACIAL CENSUS: ENROLLMENT CHANGE 1967-1972			
	#	%	% Change in Proportional Distribution
	TOTAL	+140	+17.2
White	+133	+16.4	-0.6
Non-white	+7	+233.3	+150.0

FOLLOW UP OF HIGH SCHOOL GRADUATES: 1968, 1972					
Post High School Placement	Class of				
	1968		1972		
	#	%	#	%	
4-yr. State College	18	10.1	30	15.6	
4-yr. Other College	43	24.2	30	15.6	
2-yr. State College	8	4.5	19	9.9	
2-yr. Other College	13	7.3	2	1.0	
Nurses Training	3	1.7	2	1.0	
Other Post Secondary	15	8.4	12	6.3	
Military	8	4.5	1	.5	
Work	63	35.4	96	50.0	
Other	18	10.1	0		
TOTAL	178	100.0	192	100.0	

ELIGIBLE TRANSITIONAL BILINGUAL STUDENTS: 1973-74		
Language	Number of Students	Percent of Bilingual Enrollment
TOTAL	0	
Chinese		
French		
Greek		
Italian		
Portuguese		
Spanish		
Other		

